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1990/91
1998/99

THE GIFT OF

AMHERST COLLEGE.

CLASS BOOK VOLUME

The Annual Catalogue goes to press but a few days after the change in the presidency of the College. Should additional announcements as to courses of study, etc., be deemed necessary before the publication of the next annual catalogue, they will be made in the form of an especial circular.

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CATALOGUE

OF

AMHERST COLLEGE

FOR THE YEAR

1890-1891.

AMHERST, MASS.

PUBLISHED BY THE COLLEGE.

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1890.

JULY.

SUN.	MON.	TUES.	WED.	THUR.	FRI.	SAT.
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AUGUST.

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SEPTEMBER.

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1891.

JANUARY.

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JULY.

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NOVEMBER.

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DECEMBER.

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20	21	22	23	24	25	26
27	28	29	30	31	...	...
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The College Calendar.

1890.

September	**18**, THURSDAY,	The Fall Term begins at eight o'clock A.M.
October	— (*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**23**, TUESDAY,	The Fall Term ends at half-past eleven o'clock A.M.

1891.

January	**8**, THURSDAY,	The Winter Term begins at eleven o'clock A.M.
	29, THURSDAY,	The Day of Prayer for Colleges.
February	**23**, MONDAY,	Holiday (WASHINGTON'S Birthday).
March	**31**, TUESDAY,	The Winter Term ends at half-past eleven o'clock A.M.
April	**9**, THURSDAY,	The Spring Term begins at eleven o'clock A.M.
May	— (*day not fixed*),	Holiday (Field-day).
	6, WEDNESDAY,	The Gymnastic Exhibition. The Lester Prize Exhibition.
June	**18**, THURSDAY,	The first examinations for admission begin.
	21, SUNDAY,	The Baccalaureate Sermon. Address before the Hitchcock Society of Inquiry.
	22, MONDAY,	The Hardy Prize debate. The Kellogg Prize Declamations.
	23, TUESDAY,	Class-day. The Hyde Prize Exhibition in Oratory.
	24, WEDNESDAY,	Meeting of the Alumni. The Inauguration of President Gates. Alumni Dinner. The President's Reception.
	25, THURSDAY,	Commencement Exercises.
September	**15**, TUESDAY,	The second examinations for admission begin.
	17, THURSDAY,	The Fall Term begins at eight o'clock A.M.
October	— (*day not fixed*),	Holiday (Mountain-day).
November	WEDNESDAY, THURSDAY, FRIDAY,	The Thanksgiving recess.
December	**22**, TUESDAY,	The Fall Term ends at half-past eleven A.M.

Organization.

AMHERST COLLEGE was first opened September 19, 1821, and forty-seven students were then admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforward be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed and approved by the Governor, April 28, 1874, conferred this power upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni.

The general government of the College is vested in its Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and methods of study, and to make such rules, not conflicting with the judgment of the Trustees, as may be deemed necessary for the best regulation of the College.

The Faculty have judged it wise to associate with them, in the immediate government of the College, a body chosen by the students themselves, to which questions of College order and decorum are referred, and whose decisions, if approved by the President, are binding in the College. This body is called the College Senate, and consists of four Seniors, three Juniors, two Sophomores, and one Freshman, chosen by their respective classes. At the meetings of the Senate, which are held regularly once a month, the President of the College presides. This movement toward self-government has been thus far justified by its results.

The Presidents of the College have been: the Rev. ZEPHANIAH SWIFT MOORE, D.D., 1821–1823; the Rev. HEMAN HUMPHREY, D.D., 1823–1845; the Rev. EDWARD HITCHCOCK, D.D., LL.D., 1845–1854; the Rev. WILLIAM AUGUSTUS STEARNS, D.D., LL.D., 1854–1876; and the Rev. JULIUS HAWLEY SEELYE, D.D., LL.D., 1876–1890. The present President was appointed in July, and entered upon the duties of the office on October 27th, 1890.

The corporate name of the Institution is "THE TRUSTEES OF AMHERST COLLEGE."

Administration.

A STUDENT whose recommendations have been approved, and whose examinations have shown him capable of admission to Amherst College, is received as a gentleman, and, as such, is trusted to conduct himself in truthfulness and uprightness, in kindness and respect, in diligence and sobriety, in obedience to law and maintenance of order, and regard for Christian institutions as becomes a member of a Christian College.

The privileges of the College are granted only to those who enter into an agreement to fulfil in all respects this trust.

The following are the principles of administration observed:—

(1) Work is assigned the student with careful reference to his capacity, so as to be neither more nor less than will exercise all his powers.

(2) The student should make the utmost improvement of his time and talents in regularly and diligently doing what the College assigns him.

(3) No student should be continued in a class for which, either in deportment or in scholarship, he is unfit.

(4) As this unfitness should be determined by the actual deficiencies of the student, a correct record is kept of his attendance and work, indicating from his daily recitations and reviews whether he has sufficiently mastered his studies to warrant his proceeding with his class. If in any department of study he has been present at nine-tenths of the exercises of his class, and if his attainment therein shall be satisfactory to his teacher, he shall be deemed qualified, without farther examination, to proceed with the work of the next term. If, however, he fails of this standard in attendance or attainment, he is required to pass a special examination in the work of the term, the minuteness of which is proportioned to the degree of his failure.

(5) Such examination, for which preparation should be made under the direction of a competent teacher, is held at the beginning of the following term. If the student fails to pass it, he is obviously unprepared to proceed with profit in the farther work of that department, and should not attempt to do so until his examination therein shall be completely sustained.

(6) Regularity of attendance upon the religious services of the College should be held with the same strictness as attendance upon other duties. Though absences from these exercises do not admit of an equivalent, and no equivalent therefore should be sought, it is proper that where they exceed a limited number, some duty be imposed in their place. This may best be done by increasing the study of the term when the absences occur. How far this increase should be carried may not, in every case, be easy to determine, but the general rule may be formulated that all absences from the religious services of the College exceeding one-tenth in any term, unless specially provided for, shall be added to the absentee's absences from his regular recitations of the term; and if these shall thereby exceed the allowed number for the term, a special examination in some farther work to be assigned by the teacher shall be required for the opening of the following term.

The Corporation.

MERRILL E. GATES, LL. D., L. H. D., *President.*

Hon. EDWARD B. GILLETT, LL. D., of Westfield.

Rev. RICHARD S. STORRS, D. D., LL. D., of Brooklyn, N. Y.

Rev. EDMUND K. ALDEN, D. D., of Boston.

Hon. JOHN E. SANFORD, of Taunton.

HENRY D. HYDE, Esq., of Boston.

Hon. JOHN S. BRAYTON, of Fall River.

THOMAS H. MCGRAW, M. A., of Poughkeepsie, N. Y.

G. HENRY WHITCOMB, M. A., of Worcester.

Rev. E. WINCHESTER DONALD, D. D., of New York City.

Rev. CHARLES M. LAMSON, D. D., of Saint Johnsbury, Vt.

Rev. MICHAEL BURNHAM, D. D., of Springfield.

Professor JOHN W. BURGESS, LL. D., of New York City.

EMERSON W. PEET, Esq., of Saint Paul, Minn.

Professor HERBERT B. ADAMS, Ph. D., of Baltimore, Md.

GEORGE A. PLIMPTON, of New York City.

WILLIAM A. DICKINSON, Esq., *Treasurer.*

Overseers of the Charitable Fund.

Rev. ROWLAND AYRES, D. D., of Hadley.

Rev. JOHN M. GREENE, D. D., of Lowell.

M. FAYETTE DICKINSON, Jr., Esq., of Boston.

Professor WILLIAM B. GRAVES, of Andover.

JOHN C. HAMMOND, Esq., of Northampton.

Rev. ROBERT M. WOODS, of Hatfield.

Mr. LEWIS W. WEST, of Hadley.

WILLIAM A. DICKINSON, Esq., *Commissioner.*

The Faculty.

MERRILL EDWARDS GATES, PH. D., LL. D., L. H. D., *President*,[1]
Professor of Moral Philosophy.

Rev. JULIUS H. SEELYE, D. D., LL. D.
Ex-President and Lecturer on the History of Philosophy.

Rev. WILLIAM S. TYLER, D. D., LL. D.
Williston Professor of the Greek Language and Literature.

EDWARD P. CROWELL, D. D.
Moore Professor of the Latin Language and Literature, and Dean of the Faculty.

EDWARD HITCHCOCK, M. A., M. D.
Parmly Billings Professor of Hygiene and Physical Education.

WILLIAM L. MONTAGUE, M. A.
Professor of French, Italian, and Spanish.

WILLIAM C. ESTY, LL. D.
Walker Professor of Mathematics and Astronomy.

ELIJAH P. HARRIS, PH. D., LL. D.
Professor of Chemistry.

BENJAMIN K. EMERSON, PH. D.
Hitchcock Professor of Mineralogy and Geology.

Rev. H. HUMPHREY NEILL, M. A.
Williston Professor of English Literature.

ANSON D. MORSE, M. A.[2]
Winkley Professor of History and Political Economy.

HENRY B. RICHARDSON, M. A.
Professor of German.

JOHN M. TYLER, PH. D.
Stone Professor of Biology.

CHARLES E. GARMAN, M. A.
Professor of Mental Philosophy.

[1] On the CHESTER W. CHAPIN endowment.
[2] Granted a year's leave of absence.

DAVID P. TODD, PH. D.
Associate Professor of Astronomy, and Director of the Observatory.

Rev. JOHN F. GENUNG, PH. D.
Professor of Rhetoric.

HENRY A. FRINK, PH. D.
Professor of Logic and Oratory.

WILLIAM L. COWLES, M. A.
Associate Professor of Latin.

Rev. GEORGE S. BURROUGHS, PH. D., D. D.
Samuel Green Professor of Biblical History and Interpretation, and Pastor of the College Church.

HENRY GIBBONS, M. A.
Professor of Greek.

MARSHALL HENSHAW, D. D., LL. D.
Lecturer on Natural Philosophy.

LEVI H. ELWELL, M. A.
Assistant Professor of Greek, and Instructor in Sanskrit.

E. LINCOLN WOOD, M. A.
Assistant Professor of Latin.

HIRAM H. SEELYE, M. A., M. D.
Instructor in Physical Education.

CHARLES A. TUTTLE, PH. D.
Instructor in Political Economy and International Law.

EDWARD P. HARRIS, PH. D.
Instructor in Chemistry.

ARTHUR H. PIERCE, B. A.
Walker Instructor in Mathematics, and Secretary of the Faculty.

FRANK M. COLBY, M. A.
Instructor in History.

EDWARD L. SUMNER.
Instructor in Vocal Music.

EDWARD B. MARSH, M. A.
Registrar.

WILLIAM I. FLETCHER, M. A.
Otis Librarian.

EDWARD DICKINSON.
Assistant Librarian.

The College Senate.

Presiding Officer: The President of the College.

Seniors. — Class of 1891.

Nathan P. Avery. George L. Leonard.

Howard D. Hammond. Charles N. Thorp.

Juniors. — Class of 1892.

James S. Cobb. Addison A. Ewing.

William H. Lewis.

Sophomores. — Class of 1893.

Frederick S. Allis. Joseph A. Goodrich.

Freshman. — Class of 1894.

George F. Burt.

Fellows and Resident Graduates.

Willard D. Bigelow, B. A. (1889) . . . *Gardner, Kans.*
Assistant in Chemistry.

Frank A. Delabarre, B. A. (1890) . . . *Conway, Mass.*
Lincoln Fellow in Hygiene and Physical Education.

George R. Hare, B. A. (1890) . . . . *Kalamazoo, Mich.*
Student in Chemistry and Physics.

Robert A. McFadden, B. A. (1890) . . . *Harrisburg, Penn.*
Student in Philosophy and Political Economy.

George H. Rogers, B. A. (1890) . . . *Holbrook, Mass.*
Student in Chemistry.

The Senior Class.

Frederick Randolph Abbe,	*Boston, Mass.*,	ΒΘΠ House.
Frank William Allen,	*East Hounsfield, N. Y.*,	ΘΔΧ House.
Nathan Prentice Avery,	*Florence, Mass.*,	ΘΔΧ House.
Rufus Mather Bagg, Jr.,	*West Springfield, Mass.*,	ΦΔΘ House.
George Stedman Bennett,	*Worcester, Mass.*,	Mrs. Ross's.
Frank Barna Bigelow,	*Amherst, Mass.*,	Dr. Bigelow's.
Edward Williams Blatchford,	*Chicago, Ill.*,	ΑΔΦ House.
Arthur Trull Boutwell,	*Andover, Mass.*,	ΔΥ House.
Henry Walcott Boynton,	*Newton Centre, Mass.*,	ΨΥ House.
Wilson Fisk Brainard,[1]	*Cobalt, Conn.*,	ΒΘΠ House.
Theodore Breck,	*Brecksville, Ohio*,	Mrs. Atwood's.
Arthur Sumner Burrill,	*Wellesley, Mass.*,	ΑΔΦ House.
George Wyatt Cable, Jr.,[1]	*Davenport, Iowa*,	ΨΥ House.
Arthur Beebe Chapin,	*Holyoke, Mass.*,	ΔΚΕ House.
Herbert Morgan Chase,	*Newtonville, Mass.*,	ΔΥ House.
Clinton Clark,	*Granby, Mass.*,	Library.
Ernest Ralph Clark,	*Spencerport, N. Y.*,	ΔΥ House.
Arthur Stoddard Cooley,	*Auburndale, Mass.*,	ΘΔΧ House.
Alton House Cowles,	*Homer, N. Y.*,	Mrs. A. E. Cowles's.
Harry Lawrence Crane,[1]	*New York City*,	Mr. Perkins's.
Harry Clinton Crocker,	*Brockton, Mass.*,	ΧΦ House.
Ralph Wardlaw Crockett,	*Lewiston, Me.*,	ΔΥ House.
Frank Elihu Crosier,	*West Springfield, Mass.*,	ΧΨ Lodge.
Harry Alonzo Cushing,	*Holyoke, Mass.*,	ΒΘΠ House.
Nathaniel Abalino Cutler,	*Andover, Mass.*,	ΔΥ House.
Milton Arthur Dixon,	*Smyrna, N. Y.*,	ΧΦ House.
Edward Arthur Dodd,	*Portland, Oregon*,	ΔΥ House.
H Winslow Edwards,	*Northampton, Mass.*,	Mr. Weaver's.
John Marshall Willoughby Farnham,	*Newton Centre, Mass.*,	ΘΔΧ House.
Sidney Robert Fleet,	*Liverpool, England*,	ΦΔΘ House.
Harry Nelson Gay,	*Newton, Mass.*,	Mr. Baxter Marsh's.
George Henry Hale,	*Saint Johnsbury, Vt.*,	ΒΘΠ House.
Howard Dexter Hammond,	*Freetown, N. Y.*,	ΑΔΦ House.
Joseph Gilbert Hastings,	*Warren, Mass.*,	Judge Thomas's.
Frank Grant High,[1]	*Pittsburgh, Penn.*,	Mr. R. T. Dickinson's.
Frederick Hills Hitchcock,	*Amherst, Mass.*,	Mrs. S. S. Hitchcock's.
Clarence Reginald Hyde,	*Brooklyn, N. Y.*,	ΨΥ House.
Samuel Allen Jacobs,	*Dudley, Mass.*,	ΔΥ House.
Harry Foster Jones,	*Vacaville, Cal.*,	ΦΔΘ House.
Louis Moses King,[1]	*Malone, N. Y.*,	ΨΥ House.

[1] Scientific Course.

Daniel Rowland Knight,	*North Brookfield, Mass.*,	ΘΔX House.
Stephen Brown Knowlton,	*Deer Isle, Me.*,	ΦΔΘ House.
George Locke Leonard,	*Bellows Falls, Vt.*,	ΔKE House.
Herbert Lewis,	*Haverhill, Mass.*,	ΦΔΘ House.
Robert Barkley Ludington,[1]	*New York City*,	Mr. Couch's.
Herbert James Lyall,	*New York City*,	AΔΦ House.
Edward Barton McFadden,	*Harrisburg, Penn.*,	Professor Richardson's.
Oliver Boutwell Merrill,	*Portland, Me.*,	ΨΥ House.
Charles Henry Miles,	*Grafton, Mass.*,	ΔΥ House.
Edward Lyman Morris,	*Monson, Mass.*,	XΦ House.
George Albert Morse,	*Salem, Mass.*,	10 Williams Block.
Andrew Henry Mulnix,	*Portland, Me.*,	ΔΥ House.
Waldo Edwards Nason,	*Woburn, Mass.*,	BΘΠ House.
Isaiah Lovell Pickard,	*Littleton, Mass.*,	Library.
Albert Hale Plumb, Jr.,	*Boston, Mass.*,	23 South College.
Henry Noel Potter,[1]	*Rochester, N. Y.*,	ΔKE House.
Sartell Prentice, Jr.,	*Chicago, Ill.*,	Mr. Edwards's.
Jesse Siddall Reeves,[1]	*Richmond, Ind.*,	AΔΦ House.
Frederick Sherley,	*Albany, N. Y.*,	ΔKE House.
Charles Herbert Sibley,	*Millington, Mass.*,	ΘΔX House.
David Edmund Smith,	*Chicago, Ill.*,	XΨ Lodge.
Ellis Robinson Smith,	*South Hadley, Mass.*,	Mr. Bartlett's.
Homer Smith,	*Amherst, Mass.*,	Mrs. A. E. Smith's.
George Sawin Stewart,	*Auburndale, Mass.*,	ΘΔX House.
Herbert Kendall Stiles,	*Newtonville, Mass.*,	ΘΔX House.
John Timothy Stone,	*Albany, N. Y.*,	ΔKE House.
Fred Hamilton Tarr,	*Rockport, Mass.*,	ΦΔΘ House.
Charles Nicholas Thorp,	*Oxford, N. Y.*,	XΦ House.
Frank Monroe Tiffany,	*South Hadley, Mass.*,	ΦΔΘ House.
Charles Louis Upton,	*Shelburne, Mass.*,	Mrs. Mitchell's.
Albert Hiram Walker,	*Canton, N. Y.*,	AΔΦ House.
Frederick Bryant Walker,	*Cincinnati, Ohio*,	AΔΦ House.
Charles Otis Wells,	*Hatfield, Mass.*,	ΨΥ House.
Robert Spurr Weston,[1]	*Brockton, Mass.*,	ΔKE House.
Herbert DeWitt Williams,	*West Randolph, Vt.*,	ΔKE House.
Waterman Lester Williams,	*West Springfield, Mass.*,	Mrs. Read's.
James Parsons Woodruff,	*Litchfield, Conn.*,	ΨΥ House.
Calvin Elbridge Woodside,	*Lewiston, Me.*,	Mr. R. T. Dickinson's.
Robert Sessions Woodworth,	*Berlin, Conn.*,	ΦΔX House.

[1] Scientific Course.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Henry Stewart Gane,	*Chicago, Ill.*,	AΔΦ House.
John Lincoln High,	*Pittsburgh, Penn.*,	Mr. R. T. Dickinson's.
John Cornelius Duryea Kitchen,	*New York City*,	Mr. F. P. Wood's.
William Starkweather Marshall,	*Lowell, Mass.*,	ΔKE House.
Edwin Fitch Northrup,	*Syracuse, N. Y.*,	AΔΦ House.

The Junior Class.

Leon Jesse Adams,	*South Gardner, Mass.*,	Mrs. R. B. Baker's.
Nelson Dwight Alexander,	*East Northfield, Mass.*,	Gymnasium.
Robert Arthur Allyn,	*Holyoke, Mass.*,	ΒΘΠ House.
Worthington Ely Babcock,[1]	*Providence, R. I.*,	ΔΚΕ House.
Allan Perley Ball,	*Elgin, Ill.*,	Mrs. H. E. Wilson's.
Norman Seymour Bentley,	*Pulaski, N. Y.*,	ΔΥ House.
Edward Nelson Billings,	*Woonsocket, R. I.*,	ΦΔΘ House.
Samuel Parish Boardman,	*Bellevue, Ohio*,	ΔΥ House.
Arthur Lyman Brainerd,	*Amherst, Mass.*,	Mr. J. C. Brainerd's.
Richard Sterling Brooks,	*Springfield, Mass.*,	28 South College.
Alexander MacLeod Brown,[1]	*Pleasantville, Penn.*,	ΔΚΕ House.
Amasa Bancroft Bryant,	*Amherst, Mass.*,	Mrs. Bryant's.
William Duff Bullard,	*New York City*,	8 Hunt Block.
Charles Elroy Burbank,	*Worcester, Mass.*,	ΧΦ House.
William Erwin Byrnes,	*Bellevue, Ohio*,	Mrs. Atwood's.
Hubert Lyman Clark,	*Newton, Mass.*,	Dr. Bigelow's.
Robert Clark,	*Kingston, R. I.*,	Rev. Mr. Kingman's.
James Shepard Cobb,	*Florence, Mass.*,	ΨΥ House.
Earl Comstock,	*Trenton, N. Y.*,	ΧΨ Lodge.
Erskine Hazard Cox,	*Philadelphia, Penn.*,	ΑΔΦ House.
Thomas Coyle,	*Amherst, Mass.*,	Mrs. Coyle's.
George Haliburton Crandall,	*Stow, Mass.*,	Mrs. Huntress's.
George Ludwig Degener,	*New York City*,	Mr. Houghton's.
Bret Harte Dingley,	*Auburn, Me.*,	Mr. Morgan's.
William Henry Downey,	*North Brookfield, Mass.*,	12 Williams Block.
George Warren Emerson, Jr.,	*Stoneham, Mass.*,	Mr. Rawson's.
Addison Alvord Ewing,	*Danvers, Mass.*,	ΧΦ House.
Samuel Cole Fairley,	*Amherst, Mass.*,	Mrs. Fairley's.
Willard James Fisher,	*Milford, Mass.*,	ΘΔΧ House.
George Washington Forbes,	*Boston, Mass.*,	Mr. Weaver's.
Algernon Sterry Gallup,	*Baltic, Conn.*,	18 South College.
Charles Gilmore Gardner,	*Palmer, Mass.*,	Mr. F. P. Wood's.
Rufus Talmage Goodell,	*Detroit, Mich.*,	ΑΔΦ House.
John Hiram Grant,	*Goldsborough, N. C.*,	ΨΥ House.
William Walker Gregg,	*Elmira, N. Y.*,	ΨΥ House.
Lyman William Griswold,	*Greenfield, Mass.*,	12 Williams Block.

[1] Scientific Course.

Francis Allen Hicks,	*Cheyenne, Wyo.*,	ΧΨ Lodge.
Charles Elbridge Hildreth,	*Worcester, Mass.*,	ΑΔΦ House.
Walter Henry Hildreth,	*Worcester, Mass.*,	ΑΔΦ House.
George Preston Hitchcock,	*Fitchburg, Mass.*,	Gymnasium.
William Charles Hodder,	*Lowell, Mass.*,	ΦΔΘ House.
Edwin Smith Hodgman,	*Medford, Mass.*,	Mr. F. P. Wood's.
Kirk Wilder Holmes,	*Ayer, Mass.*,	ΔΥ House.
Edward Newton Huntress,	*Amherst, Mass.*,	Mrs. Huntress's.
William Tecumseh Sherman Jackson,	*Alexandria, Va.*,	Mrs. R. B. Baker's.
Arthur Mills Johnson,	*Webster, Mass.*,	ΔΚΕ House.
Moses Allen Johnson,	*Lowell, Mass.*,	ΔΚΕ House.
John Kosciusko Kollock,	*Fort Wayne, Ind.*,	ΧΨ Lodge.
Frederick Johnstone Lane,	*New York City*,	ΧΨ Lodge.
Frank Adrian Leach,	*North Raynham, Mass.*,	ΦΔΘ House.
William Henry Lewis,	*Portsmouth, Va.*,	Mrs. Morse's.
Howard Abbot Lincoln,	*Portland, Me.*,	ΦΔΘ House.
George Hoyt Lounsbery,	*Brooklyn, N. Y.*,	ΑΔΦ House.
Louis Durand Marriott,	*Rome, N. Y.*,	ΧΨ Lodge.
Ambert George Moody,	*East Northfield, Mass.*,	ΔΥ House.
Elliott Judd Northrup,	*Syracuse, N. Y.*,	ΑΔΦ House.
William Beard Perry,	*New Bedford, Mass.*,	ΘΔΧ House.
George Thomas Pettengill,	*Saxton's River, Vt.*,	ΔΚΕ House.
Le Roy Phillips,	*Rutland, Vt.*,	ΨΥ House.
Edwin Dana Pierce,	*West Newton, Mass.*,	ΘΔΧ House.
George Sloan Raley,	*Carrollton, Ohio*,	ΔΥ House.
Charles Lemuel Randall,	*Belchertown, Mass.*,	26 South College.
Seymour Herbert Ransom,	*New Berne, N. C.*,	Professor Mills's.
Dimon Roberts,	*Greene, N. Y.*,	ΔΚΕ House.
Arthur Moodey Seelye,	*Northampton, Mass.*,	12 Hunt Block.
George Burbank Shattuck,[1]	*Lowell, Mass.*,	ΔΚΕ House.
Elmer Platt Smith,[1]	*Port Jefferson, N. Y.*,	ΘΔΧ House.
Robert Stuart Smith,	*Reading, Penn.*,	ΨΥ House.
Frederick Clifton Staples,	*Stoughton, Mass.*,	ΦΔΘ House.
Cornelius Joseph Sullivan,	*Holyoke, Mass.*,	ΔΚΕ House.
Edgar Warren Swift,	*Provincetown, Mass.*,	ΒΘΠ House.
Frederic Lincoln Thompson,	*Augusta, Me.*,	ΔΚΕ House.
Charles Edward Tilley,	*Providence, R. I.*,	ΦΔΘ House.
Robert Henry Vose,	*Providence, R. I.*,	ΨΥ House.
Herbert Harold Waite,	*Amherst, Mass.*,	15 Kellogg Block.
Frederic Augustus Washburn, Jr.,	*New Bedford, Mass.*,	ΧΨ Lodge.
Herbert Lemuel Wilbur,	*Easton, Mass.*,	Rev. Mr. Lentell's.
Robert Lyman Williston,	*Northampton, Mass.*,	ΑΔΦ House.
Harlan Nims Wood,	*Bellevue, Ohio*,	Rev. Mr. Kingman's.

[1] Scientific Course.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Frederick Robert Avery,	*Peoria, Ill.*,	ΒΘΠ House.
Charles Brackett Barkley,	*New York City*,	Mr. F. P. Wood's.
Harold Eugene Barton,	*Belchertown, Mass.*,	26 South College.
James Alfred Chard,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Hoskinson Gates,	*Worcester, Mass.*,	Mrs. Mitchell's.
Robert Wood Goodell,	*Detroit, Mich.*,	ΑΔΦ House.
William Freeman McClelland, Jr.,	*Denver, Colo.*,	ΧΦ House.
Herbert Strong Nichols,	*Portland, Oregon*,	ΧΨ Lodge.
William Rollo Royce,	*Hartford, Conn.*,	ΒΘΠ House.
Rufus Leonard Scott, Jr.,	*Brooklyn, N. Y.*,	14 Kellogg Block.
Walter Clifton Smalley,	*Tenant's Harbor, Me.*,	ΒΘΠ House.

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The Sophomore Class.

Harry Hurlbut Abbott,	*Chicago, Ill.*,	Mrs. Gage's.
Frederick Scouller Allis,	*Erie, Penn.*,	Mr. Perkins's.
Herman Babson,	*Gloucester, Mass.*,	ΧΨ Lodge.
Henry H Baker, Jr.,	*Hyannis, Mass.*,	ΘΔΧ House.
Martin Tuttle Baldwin,	*Burlington, Iowa*,	ΘΔΧ House.
Edwin Lorendus Bebee,	*Westfield, N. Y.*,	Mrs. Huntress's.
Horace Bigelow,	*Utica, N. Y.*,	ΑΔΦ House.
Ernest Mason Bliss,	*Attleborough, Mass.*,	Mrs. Mitchell's.
Frank Dickinson Blodgett,	*Cortland, N. Y.*,	Mr. Perkins's.
William Charles Breed,	*Malone, N. Y.*,	Mr. Perkins's.
Edward Bramhall Brooks,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Gordon Bainbridge Brooks,	*Brooklyn, N. Y.*,	Mr. Baxter Marsh's.
Thomas Bellows Buffum, Jr.,	*Walpole, N. H.*,	ΔΥ House.
Jesse Buswell,	*Acworth, N. H.*,	Mrs. Cooley's.
Lewis Thomas Byron,	*Stoneham, Mass.*,	ΔΥ House.
Harry Gilman Carter,	*North Woburn, Mass.*,	Rev. Mr. Lentell's.
Charles Henry Clark,	*Bainbridge, N. Y.*,	Mr. Houghton's.
Frederick Williams Cole,	*Bitlis, Asiatic Turkey*,	Rev. Mr. Cole's.
Ernest Amzi Crockett,	*Lewiston, Me.*,	Rev. Mr. Kingman's.
Albert Beecher Davidson,	*Neligh, Nebr.*,	Professor Richardson's.
Chester Parker Dodge,[1]	*Gloucester, Mass.*,	Mr. Trott's.
Frank Dexter Edgell,	*Clinton, Mass.*,	27 South College.
Thomas Cushing Esty,	*Amherst, Mass.*,	Professor Esty's.
George Herbert Fisher,	*Milford, Mass.*,	ΘΔΧ House.
William Webber Ford,	*Norwalk, Ohio*,	ΔΥ House.
Herbert Percival Gallinger,	*Cortland, N. Y.*,	Mr. Perkins's.
Frederick Mather Gane,	*Chicago, Ill.*,	ΑΔΘ House.
Abner Winthrop Gill,	*Stoughton, Mass.*,	Mrs. Morse's.
Alpheus John Goddard,[1]	*Freeport, Ill.*,	ΧΦ House.
Joseph Augustus Goodrich,	*East Hardwick, Vt.*,	ΒΘΠ House.
Frank Miller Gould,[1]	*Evanston, Ill.*,	ΧΦ House.
Merton Lyman Griswold,	*Brookfield, Vt.*,	Mrs. Morse's.
Henry Butler Hallock,	*Waterville, Me.*,	Mr. Rawson's.
George Langford Hamilton,	*Covington, Ky.*,	ΑΔΦ House.
Edward Stone Hawes,	*Burlington, Vt.*,	ΑΚΕ House.
Morton Hiscox,	*Westerly, R. I.*,	Mrs. L. J. Smith's.

[1] Scientific Course.

Clarence Robert Hodgdon,	*Boothbay Harbor, Me.*,	ΑΔΦ House.
Edward Rittenhouse Houghton,	*Montpelier, Vt.*,	Mr. Couch's.
John William Hunt,	*Brooklyn, Conn.*,	Mr. F. A. Wilson's.
Warner Duane Hunt,	*Plymouth, N. Y.*,	ΔΥ House.
Philip Sheridan Ide,	*Pomona, Fla.*,	Mrs. L. E. Redding's.
Ernest Smith Jackson,	*Binghamton, N. Y.*,	Mr. Couch's.
Frank Poole Johnson,	*Woburn, Mass.*,	Rev. Mr. Lentell's.
Charles Hedges Keating,[1]	*Mansfield, Ohio*,	Mr. Morgan's.
John Leiseuring Kemmerer,	*Mauch Chunk, Penn.*,	Mr. Baxter Marsh's.
Harry Gilbert Kimball,[1]	*Washington, D. C.*,	ΔΥ House.
Theodore Mahan Kimball,	*Milwaukee, Wis.*,	ΧΨ Lodge.
Milton Silliman Lacey,	*Southport, Conn.*,	Mr. N. Harlow's.
Frank Morrill Lay,	*Kewanee, Ill.*,	ΒΘΠ House.
George Welcome Lewis,[1]	*Westerly, R. I.*,	ΔΚΕ House.
Allen Woodend McCurdy,	*Peoria, Ill.*,	Mrs. Gage's.
John Parker Manwell,	*Lynn, Mass.*,	ΒΘΠ House.
Robert Froome Morris,	*Cincinnati, Ohio*,	ΧΦ House.
Harry Martin Morse,	*Nashua, N. H.*,	10 Williams Block.
Duane Howard Nash,	*Amherst, Mass.*,	Mr. H. C. Nash's.
Charles Dyer Norton,	*Burlington, Wis.*,	Mrs. Gage's.
Edwin Lee Norton,	*Northfield, Minn.*,	Mr. Hamlin's.
Ernest Morrison Nourse,	*Westborough, Mass.*,	Mr. F. A. Wilson's.
Julian Hanford Olmstead,	*Walton, N. Y.*,	Mrs. D. W. Scott's.
Robert Elisha Olmsted,	*East Hartford, Conn.*,	Rev. Mr. Kingman's.
Samuel Ridley Parker,	*Waterbury, Vt.*,	ΒΘΠ House.
Luther Gordon Paul,	*Newton Centre, Mass.*,	ΒΘΠ House.
William Longstreth Raub,	*New London, Conn.*,	ΑΔΦ House.
Lewis Thurston Reed,	*Worcester, Mass.*,	ΑΔΦ House.
Silas Dean Reed,	*Taunton, Mass.*,	ΒΘΠ House.
Christopher Howe Rogers,	*Methuen, Mass.*,	ΦΔΘ House.
Walter Howard Ross,	*Amherst, Mass.*,	Mrs. Ross's.
Herbert Austin Russell,	*Shelburne Falls, Mass.*,	Gymnasium.
Robert Porter St. John,	*Prattsburgh, N. Y.*,	Mr. Weaver's.
Walter Eugene Sanderson,	*South Amherst, Mass.*,	Mr. Couch's.
Henry Park Schauffler,	*Cleveland, Ohio*,	Mrs. Gage's.
John Francis Shea,	*Bondsville, Mass.*,	Mrs. Morse's.
Frank Atwood Sheldon,	*Rockland, Mass.*,	ΒΘΠ House.
Frank Herbert Smith,	*North Hadley, Mass.*,	Mr. Weaver's.
Oliver Howard Story,	*Gloucester, Mass.*,	ΧΨ Lodge.
Harry Preble Swett,	*Gloucester, Mass.*,	Mrs. R. B. Baker's.
William Ariel Talcott, Jr.,	*Rockford, Ill.*,	ΑΔΦ House.
Harry Horton Taylor,	*Granby, Mass.*,	Mrs. L. J. Smith's.
Harry George Tinker,	*Pittsburgh, Penn.*,	Mr. Perkins's.
Thomas Cann Trask,	*Scranton, Penn.*,	Mr. N. Harlow's.
Percy Harrington Tufts,	*Roxbury, Mass.*,	Judge Thomas's.
George Francis Wales,	*Newton Centre, Mass.*,	ΒΘΠ House.

[1] Scientific Course.

Fred Austin Wilson,	*Amherst, Mass.*,	Mr. F. A. Wilson's.
Clarence David Wood,	*Saint Johnsbury, Vt.*,	Mrs. C. B. Thomas's.
Herbert Carroll Wood,	*Haverhill, Mass.*,	Gymnasium.
Willard Hubert Wood,	*Grand Rapids, Mich.*,	Mr. Edwards's.
Arthur Vyne Woodworth,	*Berlin, Conn.*,	ΘΔX House.
George Breed Zug,	*Pittsburgh, Penn.*,	Mrs. Gage's.

PURSUING A SPECIAL OR A PARTIAL COURSE.

John Norton Barber,	*Worcester, Mass.*,	Mr. Bartlett's.
Fred Warren Beekman,	*Chicopee Falls, Mass.*,	BΘΠ House.
Chandler Matthews Bray,	*Yarmouth Port, Mass.*,	BΘΠ House.
Randall Kennedy Brown,	*Omaha, Nebr.*,	XΨ Lodge.
Frank Butler Cummings,	*Bangor, Me.*,	Mrs. L. E. Redding's.
Denison Gallaudet,	*Washington, D. C.*,	Mr. Houghton's.
George Dupont Pratt,	*Brooklyn, N.Y.*,	AΔΦ House.
Frank John Raley,	*Carrollton, Ohio*,	ΔΥ House.
Walter Lamont Tower,	*Dalton, Mass.*,	Mrs. L. J. Smith's.
Stayan Vasil Tsanoff,	*Sofia, Bulgaria*,	15 South College.
Alfred Turner,	*Rutland, Vt.*,	Mr. Trott's.
Charles Gilbert Wood,	*Trenton, Utah*,	27 South College.

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The Freshman Class.

Gilbert Holland Bacheler,	*Norwich Town, Conn.*,	32 South College.
Grosvenor Hyde Backus,[1]	*Brooklyn, N. Y.*,	Mrs. C. B. Thomas's.
Albert Sherburne Baker,	*Amherst, Mass.*,	Mrs. R. B. Baker's.
Ernest Merrill Bartlett,	*Newport, N. H.*,	Rev. Mr. Kingman's.
Warren Tyler Bartlett,	*North Brookfield, Mass.*,	Mr. Bartlett's.
Elmer Wilkinson Bender,	*Pittsburgh, Penn.*,	Mrs. H. E. Wilson's.
Allen Augustus Brown,[1]	*Evanston, Ill.*,	Mrs. Mitchell's.
Warren Day Brown,	*White Plains, N. Y.*,	Mr. Morgan's.
Edmund Alden Burnham,	*Springfield, Mass.*,	Mr. Baxter Marsh's.
George Franklin Burt,	*Boston, Mass.*,	Mr. Enos Baker's.
Milo Cudworth Burt,	*South Hadley Falls, Mass.*,	Mr. Bartlett's.
Edward Warren Capen,	*Boston, Mass.*,	Mrs. Kimball's.
William Bunton Chase,	*Syracuse, N. Y.*,	Mrs. H. E. Wilson's.
Herman Stanley Cheney,	*Southbridge, Mass.*,	9 Hunt Block.
Bradbury Cilley,	*Cincinnati, Ohio*,	Mrs. Read's.
Frank Lowry Clark,	*Spencerport, N. Y.*,	27 North College.
Carleton Emory Clutia,	*Amherst, Mass.*,	Mr. Clutia's.
Wheelock Tenney Craig,	*Falmouth, Mass.*,	Mr. Billings's.
Stephen Percy Cushman,	*North Amherst, Mass.*,	15 Kellogg Block.
Charles Phillips Emerson,	*Methuen, Mass.*,	Mrs. Bryant's.
Edward Russell Evans,	*Chelsea, Mass.*,	Mr. Couch's.
Frederic Appleton Flichtner,	*Englewood, N. J.*,	Mrs. R. B. Baker's.
Howard Irving Ford,	*Hanover, Mass.*,	Mr. A. H. Brown's.
George Arthur Goodell,	*Windham, Vt.*,	Dickinson Block.
Walter Gayton Hall,[1]	*Dracut, Mass.*,	Mrs. Morse's.
William Jonot Harrison,	*Butte City, Mont.*,	10 Amherst House.
Harris Bigelow Haskell,	*West Falmouth, Me.*,	Mr. Bartlett's.
Frederick Downing Hayward,	*Andover, Mass.*,	Mr. Billings's.
Roy Seymour Hinsdale,	*Antwerp, N. Y.*,	Mrs. H. E. Wilson's.
Walter Clarke Howe,	*Dedham, Mass.*,	Rev. Mr. Lentell's.
Albert Worcester Howes,	*Florence, Mass.*,	Mr. Guernsey's.
Benjamin Dwight Hyde,	*Boston, Mass.*,	Mr. Baxter Marsh's.
William Sanders Johnston,	*Chicago, Ill.*,	Mrs. Kimball's.
Wallace Huntington Keep,	*Norwich, Conn.*,	32 South College.
Daniel Pancoast Kidder,[1]	*Evanston, Ill.*,	Mrs. Mitchell's.
Henry Robert Murray Landis,	*Columbus, Ohio*,	Mr. F. A. Wilson's.

[1] Scientific Course.

Edwin Leonard, Jr.,	*Morris, Conn.*,	1 Williams Block.
Halah Harden Loud,	*North Abington, Mass.*,	Mrs. Morse's.
Eugene William Lyman,	*Cummington, Mass.*,	9 South College.
Fred Danforth McAllister,	*Lawrence, Mass.*,	Mr. Rawson's.
Mark Dearborn Mitchell,	*Franklin, Penn.*,	Mr. E. B. Marsh's.
Frank Manuel Munson,	*Greenfield, Mass.*,	Miss Merrick's.
Howard Noyes,	*Hyde Park, Mass.*,	Rev. Mr. Lentell's.
Fitz Albert Oakes,	*Gloucester, Mass.*,	Mrs. R. B. Baker's.
Robert Lockwood Pellet,[1]	*Watkins, N. Y.*,	Mr. F. A. Wilson's.
Charles Edwin Perkins,[1]	*Kansas City, Mo.*,	Professor Mills's.
Francis Carter Pitman,	*Newton, Mass.*,	Mr. Rawson's.
Ralph Buttrick Putnam,[1]	*Concord, Mass.*,	Mr. Guernsey's.
Austin Rice,	*Danvers, Mass.*,	Mr. Edwards's.
Charles Cotesworth Russell,	*Greenfield, Mass.*,	Mr. Baxter Marsh's.
Percival Schmuck,	*Hanover, Penn.*,	Mr. Edwards's.
Charles Oakes Seymour,	*Watertown, N. Y.*,	Mrs. Atwood's.
Edgar Burr Smith,	*Brattleborough, Vt.*,	Mr. Couch's.
Harwood Bigelow Smith,	*Rockland, Mass.*,	Rev. Mr. Lentell's.
Luther Ely Smith,	*Washington, D. C.*,	Mr. Edwards's.
Bertrand Hollis Snell,	*Potsdam, N. Y.*,	1 Williams Block.
William Silas Spooner,	*Franconia, N. H.*,	Mrs. Huntress's.
Alfred Ernest Stearns,	*Amherst, Mass.*,	9 Hunt Block.
Edward Hemenway Stedman,	*Boston, Mass.*,	Mrs. Kimball's.
Arthur Winslow Stone,[1]	*Lowell, Mass.*,	Mrs. Huntress's.
Harlan Fisk Stone,[1]	*Amherst, Mass.*,	Mr. F. L. Stone's.
Arthur Hallock Streeter,	*Cummington, Mass.*,	12 South College.
Warren Wetherbee Tucker,	*Boston, Mass.*,	Mrs. Kimball's.
Joseph Henry Tuttle,	*Poughkeepsie, N. Y.*,	Mr. Sloan's.
Albert Bell Tyler,	*Amherst, Mass.*,	27 North College.
Harry Belmont Weaver,	*Amherst, Mass.*,	Mr. Weaver's.
Nathan Henry Weeks,	*Dedham, Mass.*,	Mrs. Huntress's.
Harry Estabrook Whitcomb,	*Worcester, Mass.*,	Mr. Baxter Marsh's.
Willis Delano Wood,	*Brooklyn, N. Y.*,	Mr. R. T. Dickinson's.

[1] Scientific Course.

PURSUING A SPECIAL OR A PARTIAL COURSE.

Francis Richmond Fletcher,	*Amherst, Mass.*,	Mr. Fletcher's.
Cornelius Searle Hurlbut, Jr.,	*Springfield, Mass.*,	Mrs. Walker's.
Charles Herbert Osgood,	*Bellows Falls, Vt.*,	Mr. Morgan's.
George Freeman Smith,	*Springfield, Mass.*,	Rev. Mr. Lentell's.

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Summary.

Fellows and Resident Graduates	5
Seniors	84
Juniors	90
Sophomores	100
Freshmen	73
Total	352

CLASSIFICATION BY RESIDENCE.

The United States:—	
California	1
Colorado	1
Connecticut	13
District of Columbia	3
Florida	1
Indiana	2
Illinois	16
Iowa	2
Kansas	1
Kentucky	1
Maine	14
Massachusetts	165
Michigan	4
Minnesota	1
Missouri	1
Montana	1
Nebraska	2
New Hampshire	5
New Jersey	1
New York	54
North Carolina	2
Ohio	13
Oregon	2
Pennsylvania	15
Rhode Island	7
Utah	1
Vermont	15
Virginia	2
Wisconsin	2
Wyoming	1
	349
Other Countries:—	
Asiatic Turkey	1
Bulgaria	1
England	1
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Admission.

NO one can be admitted to the Freshman class until he has completed his fifteenth year, nor to advanced standing without a corresponding increase of age.

All candidates for admission to the College must, before examination, present satisfactory testimonials of good moral character.

SUBJECTS OF EXAMINATION FOR THE CLASSICAL COURSE.

Examination (chiefly written) in the following subjects is required of all candidates for admission to the Freshman class: —

Latin. — (1) Cæsar's *Gallic War*, Books I.–IV., or an equivalent amount of Cæsar's *Civil War*, Cornelius Nepos, or Sallust; Cicero's *Orations against Catiline* and *for Archias*, with questions on the subject-matter and on grammar, including the rules for pronunciation; Virgil's *Æneid*, Books I.–VI. (or *Eclogues* and *Æneid*, Books I.–V.), with questions on the subject-matter and on prosody.

(2) Translation at sight of average passages from Cæsar, Cicero's *Orations*, the *Æneid*, and Ovid's *Metamorphoses*, with general questions on grammar, prosody, history, and antiquities suggested by the prescribed passages.

(3) Translation into Latin of a passage of connected English narrative based upon some portion of the prescribed prose.

(4) A practical examination in the pronunciation of the prose authors of the preparatory course, with special reference to accent.

Candidates are expected to familiarize themselves with the Roman method of pronunciation, as given in the Scheme prepared by the Cambridge (England) Philological Society, 1887.

Greek. — (1) Greek Grammar; twenty exercises in Jones's Greek Prose Composition; four books of Xenophon's *Anabasis*, or one hundred pages of Goodwin's Greek Reader; and three books of Homer's *Iliad*.

(2) Translation at sight of average passages from various Greek authors, with questions suggested by the prescribed passages.

Mathematics. — Arithmetic, with the metric system; Algebra, through quadratic equations, including radical quantities, together with proportion, arithmetical and geometrical progressions, and the binomial theorem for positive integral exponents; and Plane Geometry.

English. — (1) A short composition, correct in spelling, punctuation, division into paragraphs, grammar, and expression, on a theme drawn from one of several books previously designated.

(2) Criticism of specimens of incorrect English.

The subjects for examination during the coming four years will be drawn from works of standard English Literature, as follows: —

1891. — Shakespeare's *Julius Cæsar* and *Merchant of Venice;* Coleridge's *Ancient Mariner;* Longfellow's *Evangeline;* Macaulay's *Essay on Lord Clive;* Webster's *first Bunker Hill Oration;* Irving's *Alhambra;* Scott's *Old Mortality;* George Eliot's *Silas Marner;* Hawthorne's *House of the Seven Gables.*

1892. — Shakespeare's *Julius Cæsar* and *As You Like It;* Scott's *Marmion;* Longfellow's *Courtship of Miles Standish;* The *Sir Roger de Coverley Papers* in the *Spectator;* Macaulay's *second Essay on the Earl of Chatham;* Webster's *first Bunker Hill Oration;* Irving's *Alhambra;* Scott's *Talisman;* George Eliot's *Scenes from Clerical Life;* Hawthorne's *House of the Seven Gables.*

1893. — Shakespeare's *Julius Cæsar* and *Twelfth Night;* Scott's *Marmion;* Longfellow's *Courtship of Miles Standish;* The *Sir Roger de Coverley Papers* in the *Spectator;* Macaulay's *second Essay on the Earl of Chatham;* Emerson's *American Scholar;* Irving's *Sketch Book;* Scott's *Ivanhoe;* Dickens' *David Copperfield.*

1894. — Shakespeare's *Julius Cæsar* and *Merchant of Venice;* Scott's *Lady of the Lake;* Arnold's *Sohrab and Rustum;* The *Sir Roger de Coverley Papers* in the *Spectator;* Macaulay's *second Essay on the Earl of Chatham;* Emerson's *American Scholar;* Irving's *Sketch Book;* Scott's *Abbot;* Dickens' *David Copperfield.*

Modern Languages. — The candidate will be examined in either German or French, on the essential elements of grammar, and the translation of simple prose.

Ancient History. — History of Greece to the death of Alexander, with outlines of Greek geography; history of Rome to the death of Marcus Aurelius, with outlines of Roman geography.

SUBJECTS OF EXAMINATION FOR THE SCIENTIFIC COURSE.

Candidates for admission to the Freshman class will be examined in the subjects prescribed for the Classical Course, excepting Greek; and in addition to these, in the History of England since 1461, and of the United States, and in Modern Geography.

TIME, PLACE AND ORDER OF EXAMINATIONS.

The first examinations for admission begin at nine o'clock A.M., on Thursday (June 18, 1891) of the week preceding Commencement, and continue for two days. The result of these examinations is sent to the candidates, by mail, within two weeks after the examinations are held. The second examinations for admission begin at nine o'clock A.M., on the last Tuesday of the summer vacation (September 15, 1891), and continue for two days.

These regular examinations for admission to the College are held in WALKER HALL, at Amherst; and all candidates should present themselves promptly at the hour assigned for registration. Similar examinations are conducted simultaneously in large cities, and at preparatory schools elsewhere, when necessary; and under such circumstances a fee of five dollars is required of each candidate before examination. Can-

didates who desire to be examined elsewhere than at Amherst should send their names to the Registrar in season to be received not later than May 1.

The order of examinations, in both June and September, is as follows: —

In the forenoon of the first day, *registration* at nine o'clock, *Latin prose composition* and *pronunciation* at half past nine, *Cæsar* and *Cicero* at half past ten, *Virgil*, *Ovid*, and *Latin prosody* at a quarter before twelve; and, in the afternoon, the *Anabasis* and *modern geography* at a quarter past two o'clock, the *Iliad* and *modern history* at a quarter past three, and *translation of Greek at sight* at half past four.

In the forenoon of the second day, *French* and *German* at nine o'clock, *ancient history* at ten, *English* at a quarter past eleven; and, in the afternoon, *geometry* at a quarter past two, *algebra* at a quarter past three, and *arithmetic* at half past four.

PRELIMINARY EXAMINATIONS.

Candidates are allowed to take examinations in any of the subjects, and, if the student is successful in five or more papers, credit will be given for one year.

THE PORTER ADMISSION PRIZE.

All students who wish to compete for the Porter Admission Prize must pass the regular entrance-examinations at the time specified in the catalogue; and the award will be made in accordance with the result of these examinations.

CONDITIONS.

All candidates are recommended to present themselves at the June examinations, so that they may have an opportunity to cancel in September any conditions then received.

Those who remain conditioned after the September examinations, or receive conditions at that time, are required to study under teachers authorized by the examiners, and a fee is uniformly charged.

ADMISSION TO ADVANCED STANDING.

No student can be admitted to advanced standing later than the beginning of the second term of the Senior year.

Candidates for admission to advanced standing are examined in the studies which have been pursued by the class they wish to enter; and also in the requirements for admission to the College, if such standing has not been regularly attained in another college. For the particular books in Greek, Latin, or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language, but prose will not be accepted for poetry.

The Course of Study.

THE course of undergraduate study extends through four academic years. It embraces Philosophy, History and Art, Language and Literature, and Science. Each study is pursued comprehensively, and at the same time with the minuteness requisite for the broadest and most accurate training. It is the aim of the College not so much to make specialists in any given department as to prepare the student for the best special work in his subsequent life.

For the first year and the first term of the second year the same studies are pursued by all the students. At the beginning of the second term of the Sophomore year certain studies become elective, and these are afterwards increased in number, so that during the Junior and Senior years the student, under such regulations as the Faculty find it wise to prescribe, can choose such studies as are best adapted to his own needs from nearly all the departments taught in the College. Excellent results have appeared from this method. The special wants of the student are thus met, his zest and progress in his work are increased, and his association with his teachers becomes thus more close and intimate.

Philosophy, History and Political Science.

THE DEPARTMENT OF PHILOSOPHY.

The course in philosophy, pursued by the Senior class, includes a comprehensive study of psychology, ethics, and the history of philosophy. A course in metaphysics is also taken by an elective division of the class. The course is carried on by means of recitations from appropriate text-books, with constant discussions in the class-room; and its aim is to discipline the student in habits of sound thinking, and to lead him to the sources of adequate knowledge of himself, of nature, and of God.

PSYCHOLOGY. — Psychology is at first taken up as an experimental science, the actual facts of experience furnishing the data. These are studied until a classified system of all the powers and activities of the

human mind is attained. This gives an open door to a universal philosophy, which is considered in itself and in some of its more important and profound applications to science, to art, to morality, and to religion.

Ethics. — The study of ethics, which extends through the second term, embraces pure morality and positive authority, the latter including civil government with the doctrine of the state, divine government, and family government.

The History of Philosophy. — Throughout the third term the different systems of thought which have appeared in history are studied individually, but with especial reference to their interdependence.

Metaphysics. — In the elective course in metaphysics, the theory of knowledge and the questions of ontology are studied as far as the time or the aptitude of the student will permit.

THE DEPARTMENT OF HISTORY AND POLITICAL SCIENCE.

History. — The first course extends through Junior year. It begins with an introductory outline of ancient history, in which the aim is acquaintance with the contributions of each period and people to general civilization. In the fuller study of mediæval and modern history which follows the same aim is pursued. The political development of England and the United States receives particular attention. The second course extends through the first and second terms of Senior year. Its theme is the political and constitutional history of the United States. In each course the means of instruction are text-books, lectures, regular and frequent examinations, abstracts and essays upon topics assigned each student.

Political Economy. — The course extends through Senior year. The first term is devoted to theoretical political economy; the second to the Labor Question, Socialism, and the relations of the state to transportation; the third to Finance, the Principles of Taxation, Public Credit, and Tariffs.

International Law. — This study is one of the electives of the third term of Senior year.

The methods of instruction in political economy and international law are like those in history.

Language and Literature.

THE DEPARTMENT OF GREEK.

The College adheres to its old requirement of Greek as a condition of entrance, and as one of the principal studies of the Freshman and Sophomore years. It insists on the mastery of this language as an

invaluable discipline of the mind, and an indispensable foundation for a scholarly knowledge of the languages and literatures, not only of the ancient, but of the modern European world.

During both the Freshman year and the first term of the Sophomore year, Greek is taken by every student excepting those pursuing the scientific or a special course, while it is open as an elective study during the most of the Junior and Senior years. In the Freshman year special pains is taken to see that the students are well grounded in etymology, syntax, and prosody, the composition of words, and the structure of sentences; the authors read being chiefly Homer, Herodotus, and Euripides.

As the student advances farther, his attention is principally given to the contents and style of the authors, while the literature and life of the people come into increasing prominence. Less attention being paid to the analytic study of words, a far more extensive reading of Greek authors is now attained during the collegiate course than formerly. It is the aim of the department to secure that Greek authors be read not only with facility and rapidity, but with an apprehension of their style and spirit, and with an attainment of the treasures of wisdom and knowledge contained in the language. The authors read are chiefly Aeschylus, Sophocles, Euripides, Aristophanes, Demosthenes, Homer, and Plato. An extended course of lectures on the literature of the Greeks accompanies the study of the Greek language.

THE DEPARTMENT OF LATIN.

In the work of the Freshman year especial attention is given to the structure of the Latin sentence, as illustrated in select portions of the writings of Cicero, Livy, and Horace, and as unfolded through frequent written and oral exercises in Latin prose composition and through the practice of reading prose Latin at sight. In the Sophomore year the study of the language is continued in an examination of the structure of the word, involving an analysis of its oldest forms, and an explanation of their changes into those of the Latin of the classical period, particularly in connection with the reading of Plautus. But, from the beginning of the year, the chief object of the course is the study of Latin literature, through a critical reading of selections from the most important authors, viz., Plautus, Cicero, Catullus, the Satires and Epistles of Horace, Pliny, and the Germania and Agricola of Tacitus; and in the Junior and Senior years, Seneca, Persius, Quintilian, Martial, the Annals or Histories of Tacitus, and Juvenal. This reading is accompanied in the Sophomore year by the study of Roman archæology and topics in

the history of the Ante-classical and Golden Ages, and in the Junior year by a study of topics in the history of the Silver Age of Latin literature.

As a further continuation of the course, special subjects of study are assigned for voluntary and independent work in the Senior year, for the best accomplishment of which the Bertram prizes are awarded.

The course of reading in classical Latin is supplemented by the study of the Institutes of Justinian, with topics upon the history of Roman jurisprudence; and of selections from the Latin version of the poetry of the Old Testament, from the writings of Tertullian, and the Christian Latin poets, with topics on the origin and formation of the Christian Latin dialect.

SANSKRIT.

An elective course in Sanskrit and Pāli is offered as a preparation for special work in comparative philology, and as an introduction to the study of the religions and literatures of India. The work may be extended through two years.

THE DEPARTMENTS OF RHETORIC AND ENGLISH LITERATURE.

Rhetoric. — The study of rhetoric is elective, beginning with the second term of the Sophomore year, and continuing three terms.

The aim of the course is to supply such principles and practice as are to be most serviceable in after life. To this end the study of theory and the criticism of literary models, while no less carefully and prominently attended to, are subordinated to the practical purposes of constructive rhetoric. Beginning with copious exercise in the choice of words and in sentence-structure, the course thus proceeds, through the fundamental processes and forms of discourse, until the final exercises represent thorough training in the various details of literary work.

English Literature. — The study of the language prepares for the study of English literature, which begins with the Winter term of the Junior year, and is continued to the end of the Winter term of the Senior year. Beginning with the Anglo-Saxon period, the study is pursued to the modern period, and the course is entirely elective. Its aim is to secure an acquaintance with the prominent authors of prose and verse. A degree of familiarity with a few writers is sought rather than information about many.

In studying the earlier periods of the literature the students are assisted to discover the peculiarities of the authors by text-books, by lectures, and by the discussion of the principles of literary criticism. The Spring term of the Junior year is entirely given to the study of Shakespeare. From the beginning of the Senior year the students work more independently. Each week during the two terms is devoted to the study of one author. Extended essays are read before the several divisions of the class upon the author of the week, each member of the class reading one such essay every term. The divisions are prepared to criticise these essays by means of the previous study of topics and examination upon them. These topics are so selected as to cover the ground of assigned readings and to direct the student in his critical study.

BIBLICAL LITERATURE.

During the first term of Senior year and the second term of Junior year the Bible is studied as an elective. The study is prosecuted from the standpoints of history and literature. The student is encouraged and directed in independent investigation. Topics of study are suggested, references for reading are furnished, the results of personal research and thought are presented in condensed written form and submitted for criticism. From time to time summaries are given by the instructor. Frequent written recitations occur. This course is particularly intended to emphasize and set forth the relation of the history and literature of the Bible to general history and literature.

THE DEPARTMENT OF LOGIC AND ORATORY.

LOGIC. — This is an elective study the second term of Sophomore year. The instruction is by means of text-books, examples for praxis, informal lectures, discussions and frequent examinations.

ORATORY. — This is an elective study the third term of Sophomore year and the first term of Junior year. While a prominent feature of the course is instruction in the composition and delivery of orations, there are also, each week, debates, discussions, and speeches corresponding to the varied demands of professional and public life. As the aim of the course is to afford, with training in public speaking of all kinds, especial preparation for the duties of citizenship, the subjects treated refer largely to our political history and questions of social reform and economic interests. The Lester prizes are awarded as the result of these exercises.

Preparatory to the elective course in oratory are exercises in elocution, required of both the Freshman and Sophomore classes during the first two terms of these years. As much class work is done as the size of the class and the time allotted for this exercise allow; but the main

dependence is placed upon individual training. The Kellogg prizes are awarded as the result of these exercises.

The final prescribed oratorical work consists of weekly class debates during the three terms of Senior year, for the purpose of cultivating proficiency in extemporaneous speaking. The Hardy prizes are awarded as the result of these exercises.

Members of the Senior class competing for the Hyde and Bond prizes receive individual training in the preparation of their orations.

THE DEPARTMENT OF MODERN LANGUAGES.

The aim of this department is to enable the student to read with ease the best authors in the several languages, — by which is meant, not merely the ability to translate, but to read and understand the language in itself, independently of translation.

GERMAN. — The study of German is entirely elective, and can be pursued during the whole of the Sophomore and Junior years, and Seniors who have had but one year of German may elect the study in Senior year. The work of the first term of the Sophomore year is elementary, embracing the study of grammatical forms, the acquiring of a correct pronunciation, conversational exercises, writing from dictation, and the reading of a large amount of simple German prose. Constant reference is made to the relations between German words and idioms, and those of other languages, especially of the English; and the rules of syntax are taught by observation from the language itself. The remaining terms of the Sophomore year are devoted to reading from the classical authors, the study of synonyms, translations from English into German, reading at sight, and the outlines of German literature.

In the Junior year the work covers a wider range of authors, and special periods in the literature. For students specially interested in science a course in scientific German is arranged, continuing through the year. Courses of reading are arranged, adapted to the wants of individual students, the aim being to make their knowledge of the language of practical service in further literary and scientific study.

FRENCH. — The French language is an elective study during the whole of the Sophomore year, and also for two terms of the Junior or Senior year. The requirement of an elementary knowledge of the language for admission to the College makes it possible to conduct all the recitations in French. During the first term, attention is given to conversation, the study of forms, the construction of sentences, writing French from dictation, acquiring a vocabulary, and reading selections in prose, familiar dialogues and modern comedies. During the second term, special attention is given to etymology, the history of the language and of French institutions, translations from English into French, and reading

the classic poets. During the other terms the time is devoted to the history of the literature and of the country, the study of synonyms, and to extended and rapid reading of the standard authors, and to composition in French.

ITALIAN. — The study of this language is elective, and can be pursued two terms. The work of the first term includes exercises in pronunciation, the study of grammar, practice in conversation, and reading selections from the most noted authors. The second term is devoted to the special study of Dante.

Science.

THE DEPARTMENT OF MATHEMATICS.

The prescribed course in mathematics comprises solid geometry, algebra, plane and spherical trigonometry, surveying, and analytic geometry. The elective course includes the differential and integral calculus, and quaternions.

The instruction during the Freshman year is devoted to geometry, the regular course being supplemented by extended original work in the demonstration of problems and propositions involving the principles given in the text-book; to algebra, especial attention being given to the theory of limits and of the infinitesimal analysis, including its application to the solution of analytic problems; and to plane and spherical trigonometry. During the latter part of the year, and simultaneously with the course in trigonometry, the members of the advanced division pursue a course in surveying, the principal feature of which is the training in the practical use of the instruments in field-work.

In the first term of the Sophomore year analytic geometry is pursued, this ending the prescribed course in mathematics. The elective courses in the differential and the integral calculus extend through the remainder of the year.

THE DEPARTMENT OF PHYSICS.

MATHEMATICAL PHYSICS. — In the first term of the Junior year the elective study is analytic mechanics, in which special prominence is given to the doctrine of energy and the theory of the potential. The subsequent course in mathematical physics is designed to illustrate still further the principle of energy in the theory of electricity and magnetism and of heat. This course extends through the second and third terms of the Junior year. Quaternions or any advanced course in pure mathematics may be pursued in place of the elective work in mathematical physics.

Experimental Physics. — The course in experimental physics is prescribed for the first term of the Junior year and is elective for the second and third terms, and consists of lectures, illustrated by means of ample apparatus. It embraces molecular physics, mechanics (including the theory of the pendulum), hydrostatics and hydraulics, pneumatics, electricity and magnetism, acoustics, optics, heat, and meteorology; and it is the aim of the course to demonstrate, by experiment and by mathematical theory, the laws of the physical world.

THE DEPARTMENT OF ASTRONOMY.

There are two elective courses: the first, in elementary astronomy, pursued during the first term of the Senior year, in which the history, fundamental facts and principles, latest developments and probable future of the science are dealt with and a foundation laid for the subsequent work; the second, in more advanced astronomy, pursued during the third term of the Senior year, in which the chief topics in practical and theoretic astronomy are systematically dealt with, and the methods and results of the modern astronomy are fully dwelt upon. This course includes the theory of the construction of the astronomical ephemeris, or nautical almanac, with illustrations of the applications of this theory to the derivation of numerical results. About one-half of the course is devoted to the theory of the construction, mounting, adjustment, and use of the principal instruments of the astronomical observatory; each student making observations with these instruments, and himself completely calculating and reducing them.

THE DEPARTMENT OF CHEMISTRY.

The course in chemistry begins with the second term of the Sophomore year with lectures and recitations from a hand-book on the non-metallic elements and their compounds. It is continued during the whole of the Junior and Senior years, with lectures on the metallic elements and their compounds, on qualitative and quantitative analysis, on the chemical forces and chemical physics, on the chemistry of organic substances, and on chemical theories, accompanied with laboratory work in qualitative and quantitative analysis of both inorganic and organic compounds. The laboratory work is all conducted under the constant supervision of an instructor, and, in special cases, facilities are offered during a single term for advanced technical work. The aim of the course is to train the student in habits of accuracy and of quick observation, and to give him knowledge for wisely choosing, and facility for successfully pursuing his subsequent course of scientific work.

THE DEPARTMENT OF MINERALOGY AND GEOLOGY.

GEOLOGY. — In the third term of Junior year the course in geology is commenced by lectures on the elements of mineralogy, followed by work in structural and dynamical geology, with frequent excursions for practical observation.

In the first term of Senior year the general course in geology is completed by lectures on physical geography and paleontology. It is desirable that those taking the work of this term shall have taken the first three terms in biology.

MINERALOGY. — The course in mineralogy comes in the second term of Senior year. The first half of the term is devoted to crystallography, the second to the study of the physical and chemical properties of minerals and their determination by blowpipe analysis. The work is wholly of a practical character, the student working two hours daily under the eye of the teacher. It is desired that those electing this course shall have taken the course in experimental physics and at least two terms in chemistry.

In the third term practical work is offered, the aim being to teach the use of instruments and the methods of geological work; and for this purpose portions of field or laboratory work of suitable character are assigned separately to small groups of students, never more than three together, who work under the teacher's supervision and are required to prepare a map or thesis on the work of the term.

THE DEPARTMENT OF HYGIENE AND PHYSICAL EDUCATION.

Instruction in the fundamental laws affecting the health of students is given early in the Freshman year, and a course of lectures and recitations on human anatomy and physiology, illustrated by clastic models and veritable parts of the body, is given during the year. At the same time, this instruction is expected to form a suitable foundation for the subsequent instruction in comparative anatomy and physiology.

From the large amount of data gathered during the past twenty-seven years in Amherst College in the matter of bodily statistics, much valuable knowledge is furnished upon the physical condition of the average college student: what some of his possibilities are, and what development and increase of his powers he may hope to obtain.

THE DEPARTMENT OF BIOLOGY.

The work in the department of biology is all elective. It begins with the third term of the Sophomore year, and may be continued for the remainder of the collegiate course. The first term's work consists of

the study of Phanerogamic botany; the second and third, of the systematic study of invertebrates. In the Senior year the student dissects the most common forms of both vertebrates and invertebrates, and learns their comparative structure by direct observation. He is at the same time taught the use of the microscope, and the methods of study and recognition of most of the normal tissues.

While one special aim of the department is to furnish the student of medicine with a broad foundation for his future studies, its general aim is to lead every student to a careful examination of the laws which govern the structure, actions, and occurrence of all living forms.

Synopsis of the Course of Study

FOR THE DEGREE OF BACHELOR OF ARTS.

The Freshman Year.

THE FALL TERM.

Greek: Selections from Herodotus, *five hours a week.* — **Latin**: Cicero De Officiis or De Senectute and De Amicitia; Potts' Hints towards Latin Prose Composition and exercises in reading Latin at sight, *five hours a week.* — **Elocution**: Lectures; with exercises in Vocal Culture, *one hour a week.* — **Mathematics**: Wentworth's Geometry, *nine weeks;* Wentworth's College Algebra, *five weeks, five hours a week.* — **Personal Hygiene and Intellectual and Moral Discipline**: Lectures, *one hour a week.* — **Exercise in Physical Culture**: *four days a week.*

THE WINTER TERM.

Greek: Homer's Odyssey; Jebb's Primer of Greek Literature, *five hours a week.* — **Latin**: Livy, Books XXI. and XXII.; with exercises in Latin Composition, and in reading Latin at sight, *five hours a week.* — **Elocution**: Declamations, *one hour a week.* — **Mathematics**: Algebra, concluded, *eight weeks;* Wentworth's Trigonometry, *four weeks, five hours a week.* — **Exercise in Physical Culture**: *four days a week.*

THE SPRING TERM.

Greek: Heracleidae and Alcestis of Euripides, *four hours a week.* — **Latin**: The Odes, Epodes, and the Carmen Saeculare of Horace; with the Horatian Metres, *four hours a week.* — **Mathematics**: Wentworth's Trigonometry, concluded, *four hours a week;* with practical surveying for the advanced division. — **Human Anatomy and Physiology**: *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

The Sophomore Year.

THE FALL TERM.

PRESCRIBED. — **Greek**: Oedipus Rex of Sophocles and Medea of Euripides; with lectures on the Greek Drama, *four hours a week.* — **Latin**: The Trinummus and Captivi of Plautus, *six weeks;* the Germania and Agricola of Tacitus, *eight weeks, four hours a week;* exercises in Latin philology. — **Elocution**: Declamations, *one hour a week.* — **Mathematics**: Analytic Geometry, Wentworth, *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE (*each study is four hours a week*). — **German**: Meissner's Grammar; Joynes-Meissner's Reader; exercises in writing. — **French**: Whitney's Practical French Grammar, or Crouslé's Grammaire de la langue française; Lebaigue's La Lecture Expliquée; Dumanoir's Le Gentilhomme pauvre; exercises in writing.

THE WINTER TERM.

PRESCRIBED. — **Elocution**: Declamations, *one hour a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE (*the Elective Studies are each four hours a week, and the student will select four, one of which shall be Greek or Latin*). — **Greek**: Demosthenes De Corona and Select Orations. — **Latin**: Selections from Pliny's Epistles; Cicero on the Immortality of the Soul; topics in Roman Archæology and the History of Latin Literature. — **Rhetoric**: Genung's Elements of Rhetoric, with written exercises. — **Logic**: Jevons. — **German**: Lessing's Emilia Galotti; Schiller's Maria Stuart; exercises in writing and reading at sight. — **French**: Crouslé's Grammaire de la langue française; Lebaigue's La Lecture Expliquée; Racine's Athalie; Corneille's La Cid; French Composition. — **Mathematics**: Taylor's Calculus. — **Chemistry**: Lectures on the Non-Metallic Elements and their Compounds.

THE SPRING TERM.

PRESCRIBED. — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE (*the Elective Studies are each four hours a week, and the student will select four, one of which shall be Greek or Latin*). — **Greek**: Electra of Sophocles, with lectures on the Greek Drama. — **Latin**: The Satires and Epistles of Horace; selections from Catullus; topics in the History of Latin Literature. — **Rhetoric**: Genung's Elements of Rhetoric, with written and critical exercises. — **Oratory**: Readings, Debates, Discussions, Composition, and Delivery of Orations. — **German**: Schiller's Wallenstein or William Tell; reading at sight; outlines of German Literature. — **French**: Lacombe's Histoire du Peuple français; Lebaigue's La Lecture Expliquée; Molière's L'Avare. — **Mathematics**: Taylor's Calculus. — **Botany**: Gray's School and Field-Book.

The Junior Year.

THE FALL TERM.

PRESCRIBED. — **Physics**: Experimental lectures on Mechanics, with recitations (Ganot), *four hours a week.* — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE (*the Elective Studies are each four hours a week, and the student will select three*). — **History**: Outline of Ancient History; Mediæval Europe; The Renaissance. — **Greek**: Homer's Iliad, with lectures. — **Latin**: Selections from the Essays and Epistles of Seneca, and Quintilian, Books X. and XII., *three hours a week;* Christian Latin: Selections from the poetry of the Vulgate, *one hour a week.* — **Oratory**: Readings, Debates, Discussions, Composition, and Delivery of Orations. — **Rhetoric**: Composition and Criticism. — **German**: [1] Selections from Goethe's Prose; Scientific German; History of German Literature. — **French**: [2] Crane's le Romantisme français; Both-Hendriksen's La Triade française; Alfred de Musset, Lamartine, Victor Hugo. — **Chemistry**: Lectures on the Metallic Elements and their Compounds; with introductory lectures on Qualitative Analysis; laboratory work in Qualitative Analysis of simple substances. — **Biology**: Lectures.

THE WINTER TERM.

PRESCRIBED. — **Exercise in Physical Culture**: *four days a week.*

ELECTIVE (*the Elective Studies are each four hours a week, and the student will select four*). — **History**: The Reformation; The English and French Revolutions. — **Greek**: Comedies of Aristophanes; Pindar's Odes. — **Latin**: The Histories of Tacitus, *nine weeks;* Selections from Martial's Epigrams, *three weeks, four hours a week.* — **Biblical Literature**: Inductive Studies in the Old and New Testaments. — **English Literature.** — **German**: [1] Goethe's Faust; Scientific German; Lectures on German Life. — **Italian**: [2] Montague's Italian Grammar and Italian Literature; Dall' Ongaro's La Rosa dell' Alpi. — **Mathematics**: [3] Analytic Mechanics. — **Physics**: Experimental lectures on Acoustics and Electricity, with recitations (Ganot). — **Chemistry**: Lectures on the Chemical Forces, and Chemical Physics; Lectures on Qualitative Analysis, continued; Laboratory work. — **Zoölogy**: Packard's Zoölogy.

THE SPRING TERM.

PRESCRIBED. — **Exercise in Physical Culture**: *four days a week.*

[1] Open to Seniors who have had but one year of German.
[2] Open to Seniors who have had but one year of French.
[3] Open only to the advanced mathematical division.

ELECTIVE (*the Elective Studies are each four hours a week, and the student will select four*). — **History**: Europe since the French Revolution; General History of the United States. — **Greek**: Plato's Phaedo. — **Latin**: Roman Satire: Selections from Lucilius, Persius, and Juvenal, *three hours a week*; Christian Latin Poetry, *one hour a week*. — **English Literature**: Shakespeare. — **German**:[1] Literature of the Present Century; Scientific German. — **Italian**:[2] Dante's La Divina Commedia. — **Mathematics**: Hardy's Quaternions. — **Physics**: Experimental lectures on Light and Heat, with recitations (Ganot). — **Chemistry**: Lectures on the Chemistry of Organic Compounds. — **Geology**:[3] Elements of Mineralogy; Structural and Dynamical Geology.

The Senior Year.

THE FALL TERM.

PRESCRIBED. — **Discussions**: *one hour a week*. — **Oratory**: Extemporaneous Speaking, *one hour a week*. — **Exercise in Physical Culture**: *four days a week*.

ELECTIVE (*the Elective Studies are each four hours unless otherwise stated, and each student will select not less than twelve and not more than sixteen hours*). — **Philosophy**: Hickok's Empirical Pyschology and Logic, with lectures, *five hours a week*. — **History**:[4] Political and Constitutional History of the United States from the framing of the Constitution to the period of Nullification, 1787–1832. — **Political Economy**: Walker, Mill, Marshall, and Ingram, with lectures. — **Latin**: (1) Cicero De Oratore, *two hours a week*; (2) The Institutes of Justinian, *two hours a week*. — **Sanskrit**:[5] (1) Whitney's Grammar; Lanman's Reader, Nala; (2) Selected Hymns of the Rigveda. — **Biblical Literature**: Inductive Studies in the Old and New Testaments. — **English Literature**. — **Astronomy**: Young, *two hours a week*. — **Chemistry**: Quantitative Analysis; Chemical Theories and Philosophy. — **Geology**:[3] Meteorology; Physical Geography; Historical Geology and Paleontology. — **Biology**: Laboratory work.

THE WINTER TERM.

PRESCRIBED. — **Philosophy**: Hickok's Moral Science, with lectures, *five hours a week*; Discussions with the President, *one hour a week*. — **Oratory**: Extemporaneous Speaking, *one hour a week*. — **Exercise in Physical Culture**: *four days a week*.

ELECTIVE (*the Elective Studies are each four hours a week, unless otherwise stated, and each student will select not less than eight and not more than*

[1] Open to Seniors who have had but one year of German.
[2] Open to Seniors who have had but one year of French.
[3] Open to those who have taken the first two terms in Chemistry.
[4] Open only to those who have taken the general course of United States history.
[5] The first course is also open to members of the Junior class.

twelve hours). — **Philosophy**: Rational Psychology. — **History**: Political and Constitutional History of the United States from Nullification to Reconstruction, 1832–1877, *two hours a week*. — **Political Economy**: [1] The Labor Question; Socialism; Transportation. — **Latin**: (1) Cicero De Natura Deorum, *two hours a week;* (2) Christian Latin; selections from Tertullian, *two hours a week*. — **Sanskrit**: [2] (1) Whitney's Grammar; Lanman's Reader, Stories from Hitopadeça; (2) Selections in Boehtlingk's Chrestomathy. — **English Literature**. — **Chemistry**: Course of Fall Term, concluded. — **Mineralogy**: Crystallography and Determination of Minerals; with practical exercises; Petrography. — **Biology**: Embryology, *two hours a week;* Histology, *two hours a week;* Zoölogy of Vertebrates, Nicholson's Zoölogy, *four hours a week*.

THE SPRING TERM.

PRESCRIBED. — **Oratory**: Extemporaneous Speaking, *one hour a week*.

ELECTIVE (*the Elective Studies are each four hours a week unless otherwise stated, and each student will select not less than twelve and not more than sixteen hours*). — **Philosophy**: Schwegler's History of Philosophy; with lectures, *five hours a week*. — **Political Economy**: [1] Finance; Principles of Taxation; Public Credit; Tariffs. — **International Law**. — **Greek**: Plato's Phaedo. — **Latin**: (1) Selections from Lucretius, *two hours a week;* (2) The Institutes of Justinian, *two hours a week;* (3) Christian Latin Poetry, *one hour a week*. — **Sanskrit**: [2] (1) Whitney's Grammar; Lanman's Reader, Extracts from Manu; (2) Selections in Boehtlingk's Chrestomathy, or Mueller's Pāli Language; Whitney's Study of Language. — **English Literature**: Shakespeare. — **Astronomy**: Practical; Theoretical; Observatory work. — **Chemistry**: Organic Analysis and Synthesis. — **Geology**: Field work in Geology; Laboratory work in Mineralogy or Paleontology.

[1] Open only to those who have taken the course of the first term.
[2] The first course is also open to members of the Junior class.

Synopsis of the Course of Study

FOR THE DEGREE OF BACHELOR OF SCIENCE.

The Freshman Year.

THE FALL TERM.

PRESCRIBED. — Latin. — Elocution. — Mathematics. — Exercise in Physical Culture.

ELECTIVE. — German. — French.

THE WINTER TERM.

PRESCRIBED. — Latin. — Mathematics. — Chemistry. — Exercise in Physical Culture.

ELECTIVE. — German. — French.

THE SPRING TERM.

PRESCRIBED. — Latin. — Mathematics. — Human Anatomy and Physiology. — Exercise in Physical Culture.

ELECTIVE. — German. — French.

The Sophomore Year.

THE FALL TERM.

PRESCRIBED. — Latin. — Elocution. — Mathematics. — Chemistry. — Exercise in Physical Culture.

ELECTIVE. — German. — French.

THE WINTER TERM.

PRESCRIBED. — Elocution. — Chemistry. — Exercise in Physical Culture.

ELECTIVE (*each student will select three studies*). — Latin. — Rhetoric. — Logic. — German. — French. — Mathematics.

THE SPRING TERM.

PRESCRIBED. — Chemistry. — Botany. — Exercise in Physical Culture.

ELECTIVE (*each student will select two studies*). — Rhetoric. — Oratory. — German. — French. — Mathematics.

The Junior Year.

THE FALL TERM.

PRESCRIBED. — Physics. — Exercise in Physical Culture.

ELECTIVE (*each student will select three studies*). — History. — Mathematics. — Chemistry. — Biology.

THE WINTER TERM.

PRESCRIBED. — Physics. — Exercise in Physical Culture.

ELECTIVE (*each student will select three studies*). — History. — Mathematics. — Chemistry. — Biology.

THE SPRING TERM.

PRESCRIBED. — Physics. — Exercise in Physical Culture.

ELECTIVE (*each student will select three studies*). — History. — Mathematics. — Chemistry. — Mineralogy.

The Senior Year.

THE FALL TERM.

PRESCRIBED. — Philosophy. — Discussions. — Oratory. — Exercise in Physical Culture.

ELECTIVE (*each student will select not less than eight and not more than twelve hours*). — Political Economy. — Astronomy. — Geology. — Biology.

THE WINTER TERM.

PRESCRIBED. — Philosophy. — Oratory. — Exercise in Physical Culture.

ELECTIVE (*each student will select not less than eight and not more than twelve hours*). — Political Economy. — Geology. — Biology. — Zoölogy.

THE SPRING TERM.

PRESCRIBED. — Oratory.

ELECTIVE (*each student will select not less than twelve and not more than sixteen hours*). — Philosophy. — Political Economy. — Astronomy. — Mineralogy. — Geology. — Biology: Advanced work, *four hours a week.*

Courses and Degrees.

THE REGULAR COURSES.

The departments of collegiate instruction are grouped in six general sections: —

(1) The Section of Philosophy.
(2) The Section of Ancient Languages.
(3) The Section of English.
(4) The Section of Modern Languages.
(5) The Section of Mathematics.
(6) The Section of Natural Science.

In each of these sections the grade of the scholarship of each student is recorded on the scale of units from 1 to 5. Every student who has completed his work in each section may be admitted to the degree of Bachelor of Arts, or Bachelor of Science, and receive a diploma in testimony of the same. If his average scholarship be represented by the number 2, his diploma is given *rite;* if by 3, *cum laude;* if by 4, *magnæ cum laude;* and if by 5, *summa cum laude.* No student is entitled to a diploma whose work in any section is incomplete. Such student may, however, receive a certificate of his actual attainments in such partial course.

THE SPECIAL COURSE.

Persons who do not wish to pursue the course prescribed for the degree of Bachelor of Arts, or Bachelor of Science, are, when approved by the Faculty, admitted to the privileges of the College, and permitted to pursue a select course of study. At the end of the course, a certificate of their attainments may be received from the President.

THE DEGREE OF MASTER OF ARTS.

The degree of Master of Arts in course is conferred only on condition that the candidate, already a Bachelor of Arts, has completed a course of liberal study, approved by the Faculty, sufficient in amount to constitute a fifth year of College work.

By continuous residence at College candidates may fulfil the above condition in one year after graduation. Resident candidates pay the regular tuition of undergraduates and a diploma fee of five dollars.

In cases of partial non-residence at least two years, and of entire non-residence three years will be requisite, and the candidate must present satisfactory vouchers that he has completed a course of liberal studies equivalent to one year's College work, or in default of this pass an examination on the same, and must pay a fee of ten dollars.

Both resident and non-resident candidates are required to present, two weeks before commencement, a satisfactory thesis on some subject approved by the Faculty. Graduates of other colleges can receive the degree only on condition of one year's residence and study in Amherst.

THE DEGREE OF DOCTOR OF PHILOSOPHY.

The degree of Doctor of Philosophy, for which only college graduates may be candidates, is recommended on compliance with the following conditions: —

(1) A two years' course of study in two subjects of science or literature, or one subject of each, at this College, under the direction and to the approval of the Professors in the departments to which these subjects belong.

(2) An examination upon these subjects, and a thesis upon one of them, satisfactory to these Professors.

(3) The payment of a tuition-fee of one hundred and ten dollars a year, and a diploma-fee of five dollars.

General College Orders.

TERMS AND VACATIONS.

THE academic year embraces thirty-seven weeks of term-time, and is divided into the Fall Term of fourteen weeks, the Winter Term of twelve weeks, and the Spring Term of eleven weeks. The holiday intermission of two weeks follows the Fall Term; the Spring vacation, usually of two weeks, follows the Winter Term; and the long vacation of eleven weeks follows the Spring Term.

All the terms begin on a Thursday, the Fall Term at eight o'clock A.M., and the Winter and Spring Terms at eleven o'clock A.M. All the terms end on a Tuesday at half-past eleven o'clock A.M.; the Spring Term on the day before Commencement.

Commencement-day is the last Wednesday of June.

In 1891 the Inauguration of President Gates will take place on Wednesday, and the Commencement Exercises on Thursday.

EXERCISES OF THE TERM.

A printed schedule of the exercises of the College is published at the beginning of every term. On Wednesday and Saturday afternoons all exercises are suspended.

RELIGIOUS CULTURE.

The College, while not sectarian, is distinctively Christian. When the first building was dedicated, and the first President and Professor were inaugurated, "the promotion of the religion of Christ" was declared to be the special object of the undertaking, and this still remains the first and chief aim of the College. Endeavoring to provide the best means for the highest attainable culture, it also seeks to aid its students in the formation of a character of Christian manliness and in the preparation for a life of Christian usefulness.

The Christian life of the College finds expression through the College Church and the College Young Men's Christian Association. Two services for public worship are held in the College Church every Sunday, and there are prayers in the Chapel every week-day morning at eight o'clock. Every Thursday evening there is a prayer-meeting of the College Church, and every Saturday evening a meeting of the Y. M. C. A. There are class prayer-meetings regularly after the vesper service of Sunday afternoon.

In lieu of attendance upon the Sunday services of the College Church, any student is, on application to the Dean, permitted to attend church services elsewhere with the denomination with which he may be connected. If the student is under twenty-one years of age, his application must be accompanied with a request from his parent or guardian.

PHYSICAL CULTURE.

The department of hygiene and physical education is under the charge of two physicians, who keep accurately acquainted with the health of all the students. Each student, soon after he enters the College, and twice thereafter during his collegiate course, is minutely examined in reference to his strength and physical condition, and advised as to the particular course he should take for the maintenance and increase of his health and strength. A manual of average measurements, together with a record of his own measurements, is given him, and he is also directed to the most advantageous use of the ample appliances with which the PRATT GYMNASIUM is provided.

Besides the exercise which every student may take by himself, the members of each class regularly exercise together in the gymnasium every week-day, excepting Wednesday and Saturday. Unless excused for physical disability, the attendance of every student is required at the gymnasium for the performance of the exercises in light gymnastics.

The results of the system of prescribed gymnastic training pursued in the College have been eminently satisfactory. While physiologists

affirm that, as a general rule, the health of a young man from fifteen to twenty-five years of age is apt to decline, the reverse rule is found to prevail with students here. From statistics systematically kept for more than twenty years, it appears that the health of an Amherst College student is likely to grow better each year of his collegiate course. The average health of the Sophomore class is better than that of the Freshman; and of the Junior, better than that of the Sophomore; and of the Senior class, best of all. This average, moreover, is shown to come from the improvement in the physical condition of the individual student, and not from those dropping out of the course who might be too weak to complete it.

EXPENSES.

The following is a summary of the principal necessary expenses of a student during a collegiate year, exclusive of vacations: —

General term-bill, including tuition, library, gymnasium, and all ordinary incidentals	$110.00	$110.00
Room-rent in College, from $4.00 to $10.00 each term . .	12.00	30.00
Room-rent in private houses, per annum	[30.00]	[60.00]
Fuel and lights	12.00	18.00
Board, from $3.00 to $5.00 per week	114.00	190.00

An additional expense of ten dollars each term is incurred by students who elect work in the Chemical Laboratory during the Junior year. The expenses for room-rent, fuel, and lights, are estimated on the supposition that two students occupy the same room. A higher rent is charged for the best rooms in the College dormitories and in the town. There are some expenses which result from taxes voluntarily imposed by the classes or societies. These, and expenses for furniture, stationery, etc., will vary according to circumstances and the character and habits of the student.

Information about rooms and boarding-places may be obtained on application to the College Janitor, Lansford Gates, at the College, or post-office box No. 80, Amherst, Mass.

PAYMENTS.

A bond, with satisfactory surety for the payment of all College bills, must be given by each student to the Treasurer at the commencement of the term when he enters. One-half of the annual charges is due and payable October 1st, and the balance March 1st.

Fellowships.

The Roswell Dwight Hitchcock Memorial Fellowship, offered by the Alpha Delta Phi fraternity to the Senior class for excellence in history and the social and economical sciences. Two hundred and fifty dollars to be awarded in 1891 and annually thereafter.

The Lincoln Fellowship, of three hundred dollars, is awarded annually to a member (or members) of the Senior class, who has shown unusual merit and thorough scholarship in the department of hygiene and physical education. It is to be held during a year of post-graduate work in these branches of study and research.

Prizes.

THE following prizes are offered annually for proficiency in the work of several of the departments of collegiate study: —

IN PHILOSOPHY.

The Moseley Prize Scholarships, one of eighty dollars and one of forty dollars, given by the late THOMAS W. H. MOSELEY of Hyde Park, to members of the Senior class making the highest attainments in the scientific evidences of religion. (These scholarships are temporarily withdrawn.)

IN GREEK.

The Hutchins Prizes, given by WALDO HUTCHINS of New York City: (*a*) Forty dollars to the best scholar in Greek, and twenty dollars to the second in standing, at the end of the Freshman year; (*b*) Sixty dollars to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

IN LATIN.

The Bertram Prizes, of fifty, thirty, and twenty dollars respectively, given by the late JOHN BERTRAM of Salem. In 1891 these prizes will be awarded for the best commentaries, by Seniors, upon certain passages of *The Institutes* of Gaius and Tertullian's *Apology for Christianity*, with an historical introduction upon the origin and earlier development of law Latin and Christian Latin, and an excursus upon the chief characteristics of each, contrasted with the Latin of the golden age of Roman literature.

The Billings Prizes, one of thirty dollars and one of twenty dollars, given by the late PARMLY BILLINGS of Billings, Mont., for highest excellence in the literary Latin of at least two terms of the Senior year.

The Law Latin Prize, of twenty-five dollars, for excellence in the Law Latin of the Senior year.

The Thompson Prizes, one of forty dollars and one of twenty dollars, given by the Rev. WALTER THOMPSON of Garrison's, N. Y., for the highest scholarship in the Latin of the Junior year, together with certain special work.

The Sophomore Prizes, one of forty dollars and one of twenty dollars, for the best examination on portions of the work especially connected with the study of Latin Philology, together with general excellence in the required work of the Sophomore year.

The Freshman Prizes, one of twenty-five dollars and one of ten dollars, for excellence in Latin Prose Composition.

IN BIBLICAL LITERATURE.

The Junior Prize of fifty dollars, to be awarded in books selected by the successful candidate, for a high degree of excellence in a special examination, together with an essay of marked ability upon an assigned subject. The subject for the present year is The Literary Features of Prophecy.

IN ENGLISH.

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by RUFUS B. KELLOGG of Green Bay, Wis., for excellence in declamation.

The Hardy Prizes, the first prize of fifty dollars, the second prize of thirty dollars, given by the late ALPHEUS HARDY of Boston, for improvement in extemporaneous speaking. These prizes are awarded near the conclusion of the collegiate course.

The Hyde Prize of one hundred dollars, given by HENRY D. HYDE of Boston, to that member of the Senior class who may produce the best oration. Composition and delivery are both considered in making the award.

The Bond Prize of one hundred dollars, given by EPHRAIM W. BOND of Springfield, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Lester Prizes, the first prize of fifty dollars, the second prize of twenty-five dollars, given by GEORGE H. LESTER, of Binghamton, N. Y., for excellence in the composition and delivery of orations at a Junior exhibition in oratory.

The Kent Prize in English Literature of one hundred dollars, given by DANIEL KENT of Leicester, to that one of the English Literature division producing the best thesis upon an assigned subject. The thesis for 1891 may be written upon any one of the following subjects: The Development of the English Novel from Richardson to George Eliot; The History of the Criticism of Shakespeare; The Relation of Shelley to Nature.

IN MODERN LANGUAGES.

The German Prizes, one of forty dollars and one of twenty dollars, given by heirs of the late SAMUEL D. WARREN of Boston, for the best examination in reading and translating German at sight.

The French and Italian Prize Scholarship of sixty dollars, given by the class of 1855, for the highest scholarship combined with the greatest improvement.

IN MATHEMATICS, NATURAL PHILOSOPHY, AND ASTRONOMY.

The Walker Prize of two hundred dollars, given by the late WILLIAM J. WALKER of Newport, R.I., for excellence in the mathematics of the Sophomore year, as exhibited in both oral and written examinations. One-fourth of the amount is paid at the end of the Sophomore year, and the remainder at the end of a year of graduate study pursued under the direction of the Faculty.

The Porter Prize of thirty dollars, given by the late ELEAZER PORTER of Hadley, for highest scholarship in natural philosophy and astronomy. The award is made at the conclusion of the collegiate course, and is determined by the record of all the recitations and examinations in these departments.

IN NATURAL SCIENCE.

The Shepard Mineralogical Prizes, four prizes of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor CHARLES U. SHEPARD, to members of the Senior class for greatest excellence in the department of mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late EDMUND H. SAWYER of Easthampton, for the best work in human anatomy and physiology.

The following prizes are also offered annually: —

The Woods Prize of sixty dollars, given by the late JOSIAH B. WOODS of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the collegiate course.

The Lincoln Prize of one hundred dollars, established in honor of Dr. RUFUS P. LINCOLN of New York City, to the class which, during the year, shall most faithfully discharge its duties in the Gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes — the sum of fifty dollars, given by WILLIAM M. LADD of Portland, Oregon, to be divided among undergraduate members of the College for excellence in heavy gymnastic exercises at the annual exhibition.

The Porter Admission Prize of fifty dollars, given by the late ELEAZER PORTER of Hadley, to the candidate who passes the best examination for admission to the Freshman Class. The name of the successful candidate, together with that of the school at which, or the instructor with whom, he prepared for College, is published in the catalogue.

During the year 1889–1890 prizes were awarded as follows: —

The Hutchins Prizes, (*a*)	(1) to A.V. Woodworth, (2) to A. B. Davidson,	of the class of 1893.
The Hutchins Prize, (*b*)	to R. S. Woodworth,	of the class of 1891.
The Bertram Prize Scholarship,	to W. H. Smith,	of the class of 1890.
The Billings Prize,	to S. P. Brooks, to E. D. Daniels,	of the class of 1890.
The Law Latin Prize,	to F. A. Ballou,	of the class of 1890.
The Thompson Prizes,	(1) to S. B. Knowlton, (2) to W. L. Williams,	of the class of 1891.
The Sophomore Prizes,	(1) to A. L. Brainerd, (2) to H. L. Wilbur,	of the class of 1892.
The Freshmen Prizes,	(1) to L. T. Reed, (2) to H. O. Harback,	of the class of 1893.
The Biblical Literature Prize,	to C. N. Thorp,	of the class of 1891.
The Kellogg Prizes,	to C. E. Hildreth,	of the class of 1892.
	to F. S. Allis,	of the class of 1893.
The Hardy Prizes,	(1) to E. Duffey, (2) to C. S. Whitman,	of the class of 1890.
The Hyde Prize,	to W. O. Gilbert,	of the class of 1890.
The Bond Prize,	to E. Duffey,	of the class of 1890.
The Lester Prizes,	(1) to H. D. Hammond, (2) to A. S. Burrill,	of the class of 1891.
The Kent Prize,	to J. M. Clapp,	of the class of 1890.
The German Prizes,	(1) to W. J. Fisher, (2) to A. L. Brainerd,	of the class of 1892.
The Walker Prize,[1]	to G. H. Crandall,	of the class of 1892.
The Porter Prize,	to G. H. Ewing,	of the class of 1890.
The Sawyer Prize,	to R. P. St. John,	of the class of 1893.
The Woods Prize,	to E. S. Whitney,	of the class of 1890.
The Gilbert Prize,	to the class of 1891.	
The Porter Admission Prize,	to L. E. Smith,	of the class of 1894. who prepared for college at Williston Seminary.

[1] The Walker Prize of the class of 1891 was awarded to R. S. Woodworth.

Beneficiary Aid.

THE beneficiary funds of the College are over one hundred and eighty thousand dollars. Except as otherwise provided by the donors, the income of this is distributed, at the discretion of the Faculty, among students of high character and good scholarship but slender means.

Application for such aid should be made to the Registrar, accompanied with satisfactory evidence that it is actually needed, as early as October 1 of each year, the receipt of it for one year not establishing a claim to it for another.

This income is from the following Funds: —

The Charitable Fund, of $83,000, exclusively in aid of those studying for the Christian ministry.

The Stone Scholarship Fund, of $25,000, in awarding the income of which preference is given to sons of missionaries and ministers.

The Hitchcock Scholarship Fund, of $10,000, established by SAMUEL A. HITCHCOCK of Brimfield.

The Whitcomb Scholarship Fund, of $6,000, established by DAVID WHITCOMB and G. HENRY WHITCOMB of Worcester.

The Day Benevolent Fund, of $5,000, by a bequest of MOSES DAY of Boston.

The Seymour Scholarship Fund, of $5,000, by a bequest of JAMES S. SEYMOUR of Auburn, N. Y.

The Farnsworth Scholarship Fund, of $3,000, established by ISAAC D. FARNSWORTH of Boston.

The Knowles Scholarship Fund, of $3,000, by a bequest of LUCIUS J. KNOWLES of Worcester.

The Reed Scholarship Fund, of $2,500, by a bequest of CHARLES THAYER REED of Boston, in memory of his son, CHARLES THAYER REED, JR.

The Persian Scholarship Fund, of $2,000, by a bequest of the Rev. JAMES L. MERRICK of Amherst.

The Charles Merriam Scholarship Fund, of $2,000, established by CHARLES MERRIAM of Springfield.

The Quincy Tufts Scholarship Fund, of $2,000, by a bequest of QUINCY TUFTS of Boston.

The Henry Gridley Scholarship of the Class-of-1862 Fund, of $2,000, established by the Class, in memory of their classmate whose name it bears.

The Alexander H. Bullock Scholarship Fund, of $1,500, established by ALEXANDER H. BULLOCK of Worcester, of the class of 1836.

The Scholarship of the Class-of-1836 Fund, of $1,500, established by the Class.

The Scholarship of the Class-of-1871 Fund, of $1,400, established by the Class.

The Scholarship of the Class-of-1826 Fund, of $500, established by two members of the class.

The J. H. Bigelow Scholarship Fund, of $500, established by J. H. BIGELOW of Worcester.

The Scholarship of the Class-of-1844 Fund, of $500, established by the Class.

Twenty-five scholarship-funds of $1,000 each, as follow: —

The Levi Russell Scholarship Fund, established by LEVI RUSSELL of Hadley.

The Tuttle Scholarship Fund, by bequest of Mrs. SARAH TUTTLE of Wayland.

The George Cook Scholarship Fund, established by GEORGE COOK of Keene, N. H., of the class of 1841.

The Enos Dickinson Scholarship Fund, established by ENOS DICKINSON of Amherst.

The John C. Newton Scholarship Fund, established by JOHN C. NEWTON of Worcester.

The James H. Newton Scholarship Fund, established by JAMES H. NEWTON of Holyoke.

The Johnson Scholarship of the Class-of-1823 Fund, established by A. J. JOHNSON of New York City.

The Southworth Scholarship of the Class-of-1822 Fund, established by WELLS SOUTHWORTH of New Haven, Ct.

The Joseph Carew Scholarship Fund, established by JOSEPH CAREW of South Hadley Falls.

The Gregory Scholarship of the Class-of-1850 Fund, established by JAMES J. H. GREGORY of Marblehead.

The Dolly Coleman Blake Scholarship Fund, by bequest of DOLLY COLEMAN BLAKE of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. MILLER of Montclair, N. J., in memory of her son, J. C. B. MILLER, of the class of 1869.

The Green Scholarship Fund, by a bequest of the REV. HENRY SOLOMON GREEN of Andover, of the class of 1834, as a memorial gift from himself and H. M. GREEN of the class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. ALICE T. MARCH of Newburyport.

The Scholarship Funds, established by and bearing the name of —

The Class of 1831,	The Class of 1855,	The Class of 1861,
The Class of 1839,	The Class of 1856,	The Class of 1865,
The Class of 1845,	The Class of 1857,	The Class of 1869.
The Class of 1849,	The Class of 1858,	

Scholarship-funds yielding the following amounts annually: —

The Moore Scholarships, three, $140 each, founded by the Rev. Dr. MOORE, the first president of the College.

The State Scholarships, three, $45 each.

The Adams Scholarships, three, $40 each, by a bequest of ASAHEL ADAMS of North Brookfield.

Also the following scholarships maintained by annual gifts: —

The Samuel D. Warren Scholarships, two, of $70 each, by heirs of the late SAMUEL D. WARREN of Boston.

The Sayles Scholarship, of $100, by FRED THOMAS SAYLES, of the class of 1881.

The A. Lyman Williston Scholarship, of $75, by A. LYMAN WILLISTON of Northampton.

The College Library.

THE College library contains fifty-five thousand volumes, selected with main reference to the purposes of study and thoughtful reading. The object kept constantly in view is to broaden the scope of the work done both by teachers and students; and the library is therefore well furnished with books of a general and illustrative character, so that any subject may readily be pursued beyond the limits of text-book or monographic treatment.

The funds available for the increase of the library, and restricted to that use, yield an annual income of between three and four thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, well lighted and ventilated, and is supplied with the best foreign and American periodicals. Open shelves contain the encyclopædias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by the teachers in the different departments. The librarian also lectures to the different classes from time to time on the use of the library and on general bibliography.

Members of the College are allowed free access, under a few necessary limitations, to the book-shelves in the main library-room. In each section of the room chairs and tables near the shelves furnish facilities for the use of the books, and the librarian and assistants are ready to give each applicant all needed assistance in any line of reading or research. By this means students gradually become familiar with the use of a library, and acquire something of the bibliographic sense indispensable to the genuine scholar. In addition to the use of the books in the library-building, each student is permitted to have out three volumes at a time.

During term-time the College library is open from 8 A.M. to 5 P.M., and the reading-room from 8 A.M. to 9.30 P.M., every day, with the exception of Sundays and holidays. During the vacations the library and its reading-room are opened regularly once a week, at an hour convenient to the librarians.

By a recent vote of the trustees, the library-building now bears the name of THE HENRY T. MORGAN LIBRARY, in recognition of the munificent bequests of the late HENRY T. MORGAN of New York City.

The collection of slabs, sculptured in the earliest style of the Assyrian art, about 900 B.C., and obtained by the late Dr. HENRY LOBDELL from the palace-walls of Sardanapalus at Nimroud, are in the porch of the LIBRARY.

The Mather Collection of Art.

The College is furnished with a large collection of casts of statuary, illustrating the leading periods of historical sculpture. It comprises over fifty statues and groups from the antique, as well as illustrations of the works of Michel Angelo, Canova, and Thorwaldsen, all of the size of the originals. It was gathered chiefly through the agency of the late Professor RICHARD H. MATHER, D. D., and it has been named by the Trustees in his honor.

The collection has also nearly as many statuettes and busts illustrating the same subjects, besides copies of the most important antique bas-reliefs, including the Panathenaic frieze from the Parthenon, which encircles the hall containing the casts.

In addition to the above, there are full-sized casts of the Ghiberti gates at Florence, and of Crawford's doors of the Capitol at Washington.

The Collection occupies the third floor of WILLISTON HALL, and is open every week-day from the middle of May to December 1, from 9 o'clock A.M. to 5 o'clock P.M. During the winter months visitors are admitted by applying to the custodian.

Natural Philosophy.

The collection of apparatus for illustrating the course of lectures in experimental physics is extensive, embracing instruments of the latest and most approved forms, and including means for electrical measurements and for demonstrating the recent discoveries in light and sound. It occupies a room on the second floor of WALKER HALL, where ample accommodations are furnished for its arrangement and use.

The Observatory.

The AMHERST COLLEGE OBSERVATORY is equipped with a seven-and-one-quarter-inch telescope by ALVAN CLARK, an alt-azimuth instrument, a transit instrument with the usual accessories for meridian observations, surveying and engineering instruments, and a six-and-one-half-inch transit instrument by

PISTOR & MARTINS. While a small amount of original research is regularly maintained at the Observatory, it is at present chiefly employed for educational purposes. Connected with the Observatory is the division of practical meteorology, in which observations of the chief meteorological elements are systematically conducted in continuance of the work begun in 1835 by the late Professor E. S. SNELL, and which has been maintained without interruption to the present time.

The Natural History Collections.

The WOODS CABINET is named in honor of the Hon. JOSIAH B. WOODS of Enfield, its principal donor. It contains all the geological collections of the College, consisting of the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard meteorite collection; comprising in all about 25,000 specimens.

In the APPLETON CABINET, named from the Hon. SAMUEL APPLETON of Boston, are the Hitchcock ichnological collection, the Gilbert museum of Indian relics, and the Adams zoölogical collection.

In the ichnological collection, named after President HITCHCOCK, are to be found about 1400 specimens, containing at least 20,000 tracks of animals in stone, together with plaster and clay casts of tracks of living and extinct species of animals. The museum of Indian relics receives its name from the Hon. GEORGE H. GILBERT of Ware, by whose liberality it was mainly established. It comprises about 3500 specimens of the stone implements of extinct Indian tribes, principally those who lived in the Connecticut Valley. The zoölogical collection was originally gathered and arranged by Professor CHARLES B. ADAMS. It comprises prepared specimens of animals and their habitations, and dried plants, representing all the great groups of the animal and vegetable kingdoms. In the department of shells it is particularly extensive and valuable. A collection in comparative osteology, and the clastic models of AUZOUX are incorporated with the zoölogical collection. The collections arranged in these several cabinets contain more than 100,000 specimens of the animal, mineral, and vegetable kingdoms.

By the gift of the Hon. ELBERT E. FARMAN, LL. D., of Warsaw, N. Y., the College possesses the celebrated collection of birds made by AUDUBON, amounting in all to about six hundred specimens. Many of these are the typical specimens by which the species were determined, and about one hundred have been mounted for exhibition in the APPLETON CABINET. Also, there have been added to this collection by the same donor several of the rarer California birds which have been discovered since the death of AUDUBON.

The cabinets are open to the public every week-day, from ten to eleven o'clock A.M., and from three to four o'clock P.M.

The Gymnasium.

The new building bears the name of the PRATT GYMNASIUM, in honor of CHARLES M. PRATT of Brooklyn, N. Y., its chief donor. The main hall affords ample space for a class of one hundred members to receive drill-practice with light dumb-bells, and to execute certain marching movements. The equipment of specialized apparatus is complete, and enables a large number of students to take individual and voluntary exercise simultaneously. The facilities of the dressing-room and the bathing-rooms are abundant.

On the main floor are the rooms of the Professor of Hygiene, and apartments for the examination and measurement of the students, well equipped with the necessary anthropometric apparatus for this purpose. The two physicians of the College are in daily attendance, to give their personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a billiard-room, open during a portion of each week-day. In the basement are the bowling-alleys, a sparring-room, an area for the use of the Indian clubs, and ample space for practice at the game of base-ball. During term-time the gymnasium is open every week-day from 8.15 o'clock A.M. to 6 o'clock P.M.

Pratt Field and Recreation Grounds.

PRATT FIELD, an area of about thirteen acres, less than a third of a mile from the College Chapel, and superbly located on the eastern slope of the Connecticut valley, is a gift to the college from FRED B. PRATT of Brooklyn, N. Y., a graduate of the class of 1887. Immediately connected with this field is HALLOCK PARK, an original forest of six acres. These grounds will not only furnish better facilities than have hitherto been enjoyed for athletic exercises and sports, but will also be an inviting resort for restful recreation and even quiet study.

The field for athletics has been graded to an exact level. It is provided with cinder-tracks and courses for the field contests of modern athletics; and ample provision is made for the base-ball diamond and the foot-ball grounds, and for lawn-tennis courts. The grand stand will seat about four hundred, and furnish standing room for as many more. Provision is made for the needs of those who use the grounds, in reception-rooms, bath-rooms, store-rooms, etc. To give to the College a beautiful and commodious field, for rendering thoroughly enjoyable the out-of-door exercise which Amherst encourages in physical training, has been the aim of the donor.

THE SIXTY-NINTH

Commencement of Amherst College,

WEDNESDAY, JUNE 25, 1890.

Order of Exercises.

MUSIC.

PRAYER BY THE PRESIDENT.

(1) GEORGE H. EWING . . . *The Moral Earnestness of the Age.*

(2) HOBART K. WHITAKER . . . . . *A Noble Life.*

(3) ERNEST L. HAYWARD . . . . . *Two Statesmen.*

(4) EDWIN S. HUNT . . . . . *What is Patriotism?*

MUSIC.

(5) FREDERICK A. BALLOU . . . *Civil Service and Public Opinion.*

(6) ALBERT F. BUCK . . . . . *Nationalism and the Individual.*

(7) EDWIN DUFFEY . . . . . *O'Connell and Parnell.*

(8) EDWARD S. WHITNEY . . *Amherst College in the Civil War.*

MUSIC.

THE CONFERRING OF DEGREES.

PRAYER.

Degrees Conferred in 1890.

HONORARY DEGREES.

LL. D. — Professor GEORGE LINCOLN GOODALE.

D. D. — Rev. SAMUEL WHITTLESEY HOWLAND.
Rev. HENRY JOHNSON PATRICK.

Ph. D. — Professor JOHN BATES CLARK,
For the contribution to science in his work on "The Science of Wealth."
Professor RICHMOND MAYO SMITH,
For the contribution to science in his work on "Emigration and Immigration."

A. M. — Rev. GEORGE FISHER.
HENRY SHERWOOD GERE.

DEGREES IN COURSE.

M. A. — Rev. John Bigham, B. A. (1887).
James Darius Dillingham, B. A. (1887).
Herbert Shattuck Johnson, B. A. (1878), M. D.
James Hayden Tufts, B. A. (1884).

B. A. — Samuel Goddard Austin.
Frederick Allen Ballou.
Walter Reynolds Bartlett.
William Nelson Bartlett.
Edward Steele Boyd.
Simon Pomeroy Brooks.
Albert Francis Buck.
Wylie Charles Burns.
Edwin Burrage Child.
John Mantel Clapp.
George Chandler Coit.
Henry Royce Corning.
Albert Waldo Crockett.
Ernest Darwin Daniels.
Joseph Griswold Deane.
Frank Alexander Delabarre.
Franklin William Dewey.
Wilton Elias Dickerman.

B. A. — Frank Butler Doane.
Edwin Duffey.
Henry Calvin Durand.
Henry Zelotes Durand.
Cyrus Albert Durgin.
Charles Edward Ewing.
George Clinton Ewing.
George Henry Ewing.
Charles Ralph Fay.
Herbert Wright Gates.
Will Oscar Gilbert.
George Ray Hare.
Fosdick Beach Harrison.
Ernest Lowell Hayward.
Giles Wilson Howland.
Edwin Sumner Hunt.
Arthur Burdett Ingalls.
George Bertram Joiner, Jr.

DEGREES IN COURSE (*continued*).

B. A. — Sereno Thayer Kimball.
George Wilson Kyburg.
Edward Norman Lacey.
Harry William Landfear.
James Crawford Lester.
James Herbert Low.
Robert Andrew McFadden.
Archibald Alexander McGlashan.
Allan Benjamin McNeill.
Frederick William Nolte.
Frank Curtiss Putnam.
Edward Dana Raymond.

B. A. — Edward Lincoln Raymond.
Willard German Reynolds.
Edwin Ansel Richardson.
Ralph Johnson Ricker.
George Harris Rogers.
Harry Elmer Small.
Harry Alexander Smith.
William Henry Smith.
George Chapin Taft.
Bernard Frederick Tenney.
Hobart Karl Whitaker.
Charles Seymour Whitman.
Edward Samuel Whitney.

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B. S.

Frederick Clark Sayles, Jr.
William McElroy Weldon.

B. A. — (*Extra ordinem*).

Collin Armstrong, (1877).
Augustus Schell Hutchins, LL. B., (1879).
Samuel Edward Nichols, (1865).

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(*Annual Meeting on Commencement Day.*)

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Rev. GEORGE W. PHILLIPS, D. D., Rutland, Vt.
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